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MONTANA AIR MONITORING

NETWORK REVIEW

1998

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Written and Compiled by:

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MONTANA AIR MONITORING NETWORK REVIEW FOR 1998

1.0 INTRODUCTION

The U.S. Environmental Protection Agency (EPA) requires the Montana Department of Environmental Quality (DEQ) to conduct an annual review of the State's ambient air monitoring network.

EPA's requirements for an annual network review are in 40 CFR 58.20(d). The requirements maintain that the State must conduct an annual review to determine if the ambient monitoring network meets the monitoring objectives in 40 CFR Part 58, Appendix D, and to identify needed modifications of the network, such as the termination or relocation of unnecessary stations or the establishment of new stations which are necessary.

The Department is required (40 CFR 58.25) to develop and implement an annual schedule modifying the network to eliminate any unnecessary stations or to correct any inadequacies indicated by the results of the annual review. The Department must consult with the EPA Regional Administrator during the development of the schedule to modify the monitoring program. The final schedule and modifications are subject to the approval of the Regional Administrator. This document and subsequent revisions are intended to satisfy the annual requirements.

1.1 NETWORK REVIEW PROCESS

In order to conduct this review, the monitoring objective and the spatial scale of representativeness of each station, existing or proposed, are first examined to determine whether they represent the air quality condition of the area. Background information, such as maps, climatological summaries, emission inventories, traffic counts, and modeling results are gathered and reviewed. The opinions of the Department, the seven approved county air pollution agencies, and the EPA are solicited.

In the 1979 Network Review, the Department designated each monitoring site in the State as either a National Air Monitoring Station (NAMS), a State and Local Air Monitoring Station (SLAMS), or a Special Purpose Monitoring station (SPM). The NAMS/SLAMS network is designed to meet six basic monitoring objectives. The monitoring objectives are:

1. To determine the highest concentrations expected to occur in the area covered by the network.

2. To determine representative concentrations in areas of high population density.

3. To determine the impact on ambient pollution levels of significant sources or source categories.

4. To determine general background concentration levels.

5. To determine the extent of regional pollutant transport among populated areas; and in support of secondary standards.

6. To determine the welfare-related impacts in more rural and remote areas (such as visibility impairment and effects on vegetation).

The link between the monitoring objectives and the physical location of a particular monitoring site is the concept of spatial scales of representativeness. The spatial scale is determined by the physical dimensions of the air parcel nearest a monitoring station throughout which the actual pollutant concentrations are reasonably similar. The goal in siting stations is to match the spatial scale represented by the sample of monitored air with a spatial scale most appropriate for the monitoring objective. Spatial scales of representativeness, as specified by EPA, are described below:

Microscale -	defines the concentrations in air volumes associated with area dimensions ranging from several meters up to about 100 meters.
Middle scale -	defines the concentration typical of areas up to several city blocks in size with dimensions ranging from about 100 meters to 0.5 kilometers.
Neighborhood scale-	defines concentrations within some extended area of the city that has relatively uniform land use with dimensions in the 0.5 to 4.0 kilometer range.
Urban scale -	defines the overall, citywide conditions with dimensions on the order of 4 to 50 kilometers. This scale would usually require more than one site for definition.
Regional scale -	defines a rural area of reasonable homogeneous geography and extends from tens to hundreds of kilometers.
National and Global scales -	these measurement scales represent concentrations characterizing the nation and the globe as a whole.

To site a monitoring station properly, both the monitoring objective and the spatial scale of representativeness must be determined. Appropriate siting scales for the various monitoring objectives are listed below.

Monitoring Objective	Siting Scales
Highest Concentration	Micro, middle, neighborhood (sometimes urban)
Population	Neighborhood, urban
Source Impact	Micro, middle, neighborhood
General/Background	Neighborhood, regional

$PM_{2.5}$ Monitoring Objectives

To determine the particulate concentrations in high population and suspected high $PM_{2.5}$ concentrations in neighborhood areas.

To determine the extent of regional pollutant transport among populated areas; and in support of secondary standards; and

To determine the welfare-related impacts in more rural and remote areas (such as visibility impairment and effects on vegetation).

1.2 GENERAL MONITORING NEEDS

Montana is a large state (147,138 square miles) with a small population (799,065, 1990 census). Montana's air quality problems are generally associated with urban areas, or in areas susceptible to temperature inversions.

1.2.1 PARTICULATE

1.2.1.1 PHYSICAL CHARACTERISTICS AND SOURCES

Particulate matter is the term given to the tiny particles of solid or semi-solid material suspended in the atmosphere. Particulates ranging in size from less than 0.1 micrometer (microns) to 50 microns are called Total Suspended Particulate (TSP). Particles larger than 50 microns tend to settle out of the air quickly and are not considered to have a health "effect". Particulate matter 10 microns in aerodynamic diameter and smaller is considered inhalable, and thus has the greatest health impact. This type of particulate matter is called PM_{10}.

Most anthropogenic (manmade) particulates are in the 0.1 to 10 micron diameter range. Particles larger than 10 microns are usually due to

"fugitive dust". This is usually wind blown sand and dirt from roadways, fields, and construction sites. PM_{10} particulates, on the other hand, are generally created during burning processes and include fly ash (from power plants), carbon black (from automobiles and diesel engines), and soot (from slash burning, fireplaces, and wood stoves). The PM_{10} particulates from these sources contain a large percentage of elemental and organic carbon, which play a role in visual haze and health issues.

1.2.1.2 GENERAL HISTORY

Particulate matter is Montana's major air pollution problem and receives a high priority from Department staff. The major sources of particulate are re-enttrained road dust from passing traffic on paved and unpaved roads, residential wood combustion (RWC), and industrial and agricultural activity. In the past, the State was concerned with TSP and sought ways to control its sources. As a result of the 1977 amendments to the Clean Air Act, several areas of the State were designated non-attainment of either the primary or secondary standard for TSP. The Department developed emission control plans as part of the State Implementation Plan (SIP) to bring the areas into compliance and implemented control strategies to keep them in compliance.

On July 31, 1987, the EPA promulgated new ambient air quality standards for particulate matter. The new standards changed the focus from larger particles (TSP) to smaller inhalable particles (PM_{10}). Since the promulgation of the PM_{10} standards several areas in Montana have been designated non-attainment. The non-attainment provisions of the Clean Air Act mandate definite schedules to show attainment, and provide for sanctions and federal oversight if the scheduled dates are not met.

The Department has been involved with monitoring and planning activities to develop area-wide control plans to bring non-attainment areas into compliance. The PM_{10} non-attainment areas continue to require a significant commitment of resources for the SIP development process.

1.2.1.3 FINE PARTICULATE

During 1998 DEQ will be implementing a particulate monitoring program for particles with an aerodynamic diameter equal to or less than 2.5μm, known as $PM_{2.5}$. As part of the implementation procedures the following information must be included in the Network Review.

1. The proposed location for the scheduled stations (proposed FY98 installation), the monitoring objectives, and spatial objective of representativeness:

a. Boyd Park, Missoula #30-063-0024

The monitoring objective and spatial objective of representativeness is: to determine the $PM_{2.5}$ concentrations in neighborhood areas of high population and suspected high 2.5 particulate concentrations; and in support of secondary standards. This will be a SLAMS site.

b. Lockwood Park, Billings #30-111-1065

The monitoring objective and spatial objective of representativeness is: to determine the $PM_{2.5}$ concentrations in neighborhood areas of high population and suspected high 2.5 particulate concentrations; and in support of secondary standards. This will be a SLAMS site.

c. Evergreen Fire Station, Kalispell #30-029-0043

The monitoring objective and spatial objective of representativeness is: to determine the $PM_{2.5}$ concentrations in neighborhood areas of high population and suspected high 2.5 particulate concentrations; and in support of secondary standards. This will be a SLAMS site.

d. Markus Foods, Whitefish #30-029-0039

The monitoring objective and spatial objective of representativeness is: to determine the $PM_{2.5}$ concentrations in neighborhood areas of high population and suspected high 2.5 particulate concentrations; and in support of secondary standards. This will be a SLAMS site.

e. Courthouse Annex, Libby #30-053-0018

The monitoring objective and spatial objective of representativeness is: to determine the $PM_{2.5}$ concentrations in neighborhood areas of high population and suspected high 2.5 particulate concentrations; and in support of secondary standards. This will be a SLAMS site.

f. Greeley School, Butte #30-093-0005

The monitoring objective and spatial objective of representativeness is: to determine the $PM_{2.5}$ concentrations in neighborhood areas of high

population and suspected high 2.5 particulate concentrations; and in support of secondary standards. This will be a SLAMS site.

g. Lincoln School, Helena #30-049-0018

The monitoring objective and spatial objective of representativeness is: to determine the $PM_{2.5}$ concentrations in neighborhood areas of high population and suspected high 2.5 particulate concentrations; and in support of secondary standards. This will be a SLAMS site.

h. Sula Peak (IMPROVE site)

i. Glacier (IMPROVE site)

j. Yellowstone (IMPROVE site)

2. The sampling and analysis method:

Monitor and Data Management will be using 2.5 samplers from BGI. The method for $PM_{2.5}$ sampling employs a sampler to draw a measured quantity of ambient air at a constant volumetric flow rate through a specially designed particle-size discrimination inlet. Particles in the 2.5 μm and smaller size range are collected on a 47 mm diameter Teflon filter during a 23 to 25 hour sampling period. Each filter is weighed before use and after sampling. From these measurements the mass of the collected $PM_{2.5}$ sample can be calculated.

3. The operating schedule:

The DEQ is proposing a 1 in 3 sampling frequency for all samplers installed in FY98.

4. A schedule for implementing other SLAMS requirements:

The DEQ is proposing to install the $PM_{2.5}$ samplers by September 1998.

1.2.2 SULFUR DIOXIDE

1.2.2.1 PHYSICAL CHARACTERISTICS AND SOURCES

Sulfur dioxide (SO_2) is a colorless gas with a pungent odor. It is detectable by the human nose at concentrations of about 0.5 to 0.8 parts per million (ppm). It is highly soluble in water where it forms sulfurous

acid (H_2SO_3). In the atmosphere, sulfurous acid is easily converted to sulfuric acid (H_2SO_4), the major acidic component of "acid rain". SO_2 is considered a major worldwide pollution problem. It is emitted mainly from stationary sources that burn coal or oil. Other sources of SO_2 include refineries and smelters. Significant amounts of SO_2 are also emitted from natural sources such as volcanos, which rarely contribute to urban SO_2 problems.

1.2.2.2 GENERAL HISTORY

SO_2 is a pollutant of concern in the State. There are four areas in Montana where SO_2 is an issue. These areas are Billings/Laurel, East Helena, Colstrip, and Great Falls. In all cases, the source of SO_2 is industrial point sources.

In Great Falls the primary source of SO_2 is the Montana Refining petroleum refinery. As the result of dispersion modeling performed in support of a permit application by Montana Refining potential exceedances of the SO_2 National Ambient Air Quality Standards (NAAQS) were identified. The permit subsequently required SO_2 monitoring at the identified "hot spot". The Wire Mill Road site (AIRS# 30-013-2000) began reporting valid data on November 14, 1994.

In the Billings/Laurel area, the industrial sources of SO_2 include a coal-fired power plant, a coke-fired cogeneration power plant, three oil refineries, a sugar beet processing facility and a sulfur recovery facility. The combined source mix contributes to some high ambient readings. In 1977, the Laurel area was designated non-attainment for SO_2. In December 1977, a stipulation was signed by the Billings/Laurel industries and the State. This stipulation was incorporated into the SIP and was the tool to bring the area into compliance. Subsequent monitoring networks for SO_2 have shown the area to be in compliance with the NAAQS, but exceeding the Montana Ambient Air Quality Standards (MAAQS).

In 1987, the Montana legislature passed a bill changing the MAAQS to NAAQS for existing sources in the Billings/Laurel area. Following the session, a committee of the Billings/Laurel industries, the local chamber of commerce, and air pollution professionals united to monitor and report on the area's air quality. The aim of the committee was to arrive at some solutions to the SO_2 problem of the area. Due to interest by the EPA and environmental groups, the State and Billings/Laurel industries conducted peak five-minute monitoring for SO_2 during the winter of 1990-91. An EPA contractor reviewed the peak five-minute data and its relationship to

the hourly averages (peak-to-mean ratios). The results of this review were inconclusive. No additional peak five-minute monitoring for SO_2 is planned by the Billings/Laurel industries. However, the State continues to collect peak five-minute SO_2 data at its sites.

In 1990, EPA contracted with E. H. Pechan and Associates to develop a sulfur dioxide emission inventory for the Billings/Laurel area. The final report, submitted to EPA in 1991, indicated a large difference between actual and potential sulfur dioxide emissions for most sources.

The City of Billings contracted with GeoResearch Inc. in 1990 to conduct a sulfur dioxide dispersion modeling study for the Billings area utilizing recently gathered meteorological data and the Pechan SO_2 emission inventory. The results of the dispersion modeling study predicted violations of the sulfur dioxide NAAQS at both the potential to emit and maximum actual emission rates.

In 1991, Billings Generation Inc. (BGI)(currently Yellowstone Generation Inc.) submitted a permit application for construction and operation of a coke-fired cogeneration power facility located adjacent to the Exxon Refinery. Dispersion modeling performed in support of the permit application predicted violations of the sulfur dioxide NAAQS in the Billings area as well as Prevention of Significant Deterioration increments. The permit for BGI was granted in March 1992, and required a reduction in sulfur dioxide emissions at the Exxon Refinery.

In a March 4, 1993 letter to the Governor of Montana, EPA stated that it determined the sulfur dioxide SIP for the Billings/Laurel area to be substantially inadequate and must be revised. The basis for the determination was the modeling results from the GeoResearch study and the Billings Generation Inc. permit application which predicted violations of the NAAQS for sulfur dioxide. In addition, EPA determined that the existing SIP did not provide enforceable methods to ensure compliance with the NAAQS.

In response to EPA's March 4, 1993 notification, DEQ, in cooperation with the Billings area sulfur dioxide emitting industries, prepared a major revision to the Billings sulfur dioxide SIP. On May 19, 1995, the (former) Board of Health and Environmental Sciences, now the Board of Environmental Review, adopted SO_2 control plans for six of the seven Billings/Laurel industries. Following this adoption, a control plan for Montana Sulphur and Chemical Company and a revised plan for Exxon Company U.S.A., Billings Refinery, were developed through a contested

case before the Board. As a result of the new Montana Sulphur and Exxon control plans, similar changes were necessary for the other five industries. These modifications were approved by the Board on August 9, 1996. The Board made additional modifications to the Exxon control plan on February 7, 1997. The control plans establish emission limits on all of the SO_2 emitting sources and require continuous emission monitors on most stacks for compliance determinations.

In East Helena, the industrial source of SO_2 is a primary lead smelter. In 1977, the area was designated non-attainment for SO_2. The smelter installed an acid plant and modified stacks to reduce sulfur dioxide emissions. Data from monitors in the immediate vicinity of the smelter have shown exceedances but no violations of the NAAQS or MAAQS. There were some "violations" of the three-hour NAAQS in 1987 at a SO_2 site about four miles from the smelter near a cement manufacturing facility. A data review did not determine any cause for the high readings and it was difficult to determine if the readings were valid. No other violations have occurred since.

In April 1991, EPA notified the Department that the East Helena SO_2 SIP was inadequate, needed to be revised and submitted to EPA by May 1992. This request was driven by an inadequate GEP stack height analysis and requirements in the Clean Air Act Amendments of 1990. The East Helena SO_2 SIP revision for the annual and 24-hour NAAQS was approved by EPA on March 28, 1995. The East Helena SO_2 SIP for the 3-hour NAAQS will be completed in 1998. The 3-hour SIP is scheduled to be submitted to the Board of Environmental Review in June 1998, and submitted to EPA in August 1998.

In Colstrip, the industrial sources for SO_2 are four coal-fired power plants. Colstrip Units #1 and #2 were permitted in 1973 by the State. Unit #1 was commissioned in October 1975 and Unit #2 in August 1976. The units utilize wet scrubbers for SO_2 control with an efficiency of 70 percent.

In 1978, EPA issued a permit for Colstrip Units #3 and #4. EPA was the issuing agency because, at that time, the State had not been delegated PSD permitting authority. The issue of impact on the Northern Cheyenne PSD Class I area resulted in higher stacks and greater control efficiencies for Units #3 and #4. These units use wet scrubbers with lime injection resulting in an SO_2 control efficiency of 90 percent.

The company maintains an ambient network around the facility and supports a tribal air monitoring program on the Northern Cheyenne

reservation. The tribal network consists of three sites: Morning Star (30-087-0760), Garfield Peak (30-087-0761), and Badger Peak (30-087-0762). Data submitted by the company are very low and show no violations of the NAAQS or MAAQS.

1.2.3 LEAD

Lead (Pb) is a pollutant of concern in East Helena where the predominant source is the ASARCO primary lead smelter. The EPA promulgated ambient air quality standards for lead on October 5, 1978 and based on monitoring data, the East Helena area was determined to be in violation of the lead standard. The Department conducted extensive studies in the early 1980's to determine source apportionment. A SIP was developed and approved by the EPA in 1984 which contained control strategies expected to bring the area into compliance.

As of December 31, 1986, all the control strategies in the plan were implemented but ambient air monitoring data for 1987 and 1988 indicated that although lead levels decreased, they remained above the lead standard. As a result, the EPA notified Montana on October 1, 1988 that the East Helena lead SIP was inadequate.

From 1990 through the first half of 1995, the State, Asarco, American Chemet, and involved contractors conducted ambient monitoring, emission inventory estimations, source apportionment studies, meteorological data collection, and dispersion modeling in support of a second, or revised, SIP. The revised SIP was submitted to EPA on August 16, 1995, and an additional revision to the lead SIP was submitted in July 1996.

1.2.4 CARBON MONOXIDE

1.2.4.1 PHYSICAL CHARACTERISTICS AND SOURCES

Carbon monoxide is a colorless, odorless, and tasteless gas. Generally, it is largest single fraction of gaseous pollutants found in urban atmospheres. It is produced primarily during the incomplete combustion of organic fuels used for transportation and heating. Carbon monoxide is also created during refuse, forestry slash, agricultural burning and as a by-product of some industrial processes. In Montana's major urban areas it is estimated that 60-80 percent of CO emissions are from automobile sources.

1.2.4.2 GENERAL HISTORY

Carbon monoxide (CO) is a pollutant of concern in the larger communities in Montana and in West Yellowstone. Currently, there are three CO non-attainment areas in Montana. Missoula, Great Falls, and Billings. Automobile exhaust is the principal source of CO emissions in these communities. Other sources include industrial emissions, and agricultural and forestry burning. In western Montana residential wood combustion is a contributing source to ambient CO levels.

The Department, in cooperation with the county air pollution agencies, monitors for CO in Missoula, Great Falls, Kalispell and Billings. Most high concentrations occur during the wintertime months due to stagnant weather conditions, temperature inversions, cold temperatures, and poor fuel combustion from the various sources. In January 1996, Kalispell had an 8-hour NAAQS CO violation.

Draft carbon monoxide emission inventories for Billings, Great Falls, and Missoula for base year 1990, were submitted to EPA in the summer of 1992. The Department received EPA comments on the inventories in December 1992. The final CO emission inventories for Billings and Missoula were submitted to EPA in July 1995. The revised Great Falls CO emission inventory was submitted to EPA on June 6, 1996 and approved through a departmental hearing on December 9, 1996.

Due to provisions in the Clean Air Act Amendments of 1990 (CAAA), Missoula was designated nonattainment for carbon monoxide and classified as a "moderate" area. "Moderate" areas have a CO design value between 9.1 and 16.4 ppm average over an eight hour average period. The Department submitted a revised SIP to EPA for Missoula, based on an oxygenated fuels program, on November 6, 1992. The oxygenated fuels program was initiated October 1, 1992. A 1994 carbon monoxide "Reasonable Further Progress" report was submitted to EPA on March 18, 1996.

Billings and Great Falls were deemed as "unclassified" under the CAAA since the design values for these communities that were less than 9.1 ppm. The Department plans to submit community-specific CO maintenance plans to EPA at the time the redesignation requests are made.

The Department intends to submit redesignation requests for Billings, Missoula, and Great Falls during 1998.

1.2.5 OZONE

Ozone (O_3) is not a pollutant of major concern in Montana. All areas of the State are considered attainment for ozone. Unlike most other pollutants, O_3 is not emitted directly into the atmosphere but results from a complex photochemical reaction between volatile organic compounds (VOC), oxides of nitrogen (NOx), and solar radiation. Both VOC and NOx are emitted directly into the atmosphere from sources within the State. Since solar radiation is a major factor in O_3 production, O_3 concentrations are expected to peak in the summer months.

The Department conducted O_3 monitoring in Billings in 1988 and 1989, and is considering monitoring near Billings from June through September, 1999. Billings is an area where sources emit substantial quantities of VOC and NOx. Billings also has the hot summer days which promote the photochemical reactions for ozone formation.

1.2.6 NITROGEN DIOXIDE

Nitrogen dioxide (NO_2) is not a pollutant of major concern in Montana. NO_2 is formed when nitric oxide (NO) is oxidized in ambient air. NOx (oxides of nitrogen) is a term used to represent both NO_2 and NO. Emission inventories for point and area sources are usually expressed as NOx whereas the standard is for NO_2.

Point sources of NO or NO_2 in the State include coal-fired power plants, natural gas compressor stations, oil refineries, and a kraft paper mill. Mobile sources only include automobile tailpipe emissions.

The Department has not monitored for NO_2 in several years. However, there has been some company monitoring for NO_2 in Colstrip and Missoula. These monitoring activities were required as conditions of PSD permits. Data submitted by the companies have shown no violations of the NAAQS or MAAQS.

1.2.7 AIR TOXICS

Air Toxics covers a far-ranging suite of hazardous substances, emitted in either gaseous or particulate phases. For many years the only air toxics measured in Montana were various heavy metals (i.e. lead, arsenic, cadmium, chromium, etc.) associated with particulate emissions from the minerals industry.

Sources of air toxics are diverse and numerous. Some point sources include the oil and gas industry, minerals extraction and processing, chemical and cement plants, and the wood products industry. Some area-wide sources include dry

cleaners, gas stations, residential wood combustion and motor vehicle repair/refinishing facilities. Mobile sources include tailpipe emissions from automobiles, trains, and airplanes.

The Department and Missoula County conducted a formaldehyde screening study in Missoula during the winter of 1993-94. The study showed low atmospheric formaldehyde concentrations. Another screening study for formaldehyde was conducted in Missoula from January through December 1997. The final report for the 1997 study will be completed by June 1, 1998.

1.3 NETWORK MONITORING HISTORY

From the inception of the Montana air quality program, the Department has developed and maintained an air monitoring network covering problem areas throughout the State. In the 1960s the Department used high volume samplers (Hi-vols), dustfall jars, "Montana Boxes" (for fluoride), and sulfation plates to assess ambient air quality impacts from various sources. Initial program development selected monitoring locations based on field investigations, complaints, surveys, public interest and professional judgement of the staff.

In the early to mid-1970s, other monitoring devices were purchased. These included gas bubblers for SO_2 and NO_2, Hi-vols with metal shelters (earlier versions were made of wood), and continuous analyzers (primarily for SO_2). During this time period, metals analyses began on Hi-vol filters collected near smelting and mining activities.

From mid to late 1970s, the monitoring effort was refined as more sophisticated equipment became available and was deployed in the field. The State became involved in several special-purpose air pollution studies. The Department conducted the Montana Air Pollution Study (MAPS) in which extensive ambient air monitoring was performed in Anaconda, Butte, Billings and Missoula. The purpose of the study was to relate air pollution concentrations with measured human health effects within and between the different communities. The Department published several documents detailing the results of the study.

At about the same time, the Department was also involved with investigative and background studies for the Flathead River Basin Environmental Impact Statement (Kalispell, Columbia Falls, Polson, etc.), Poplar River project (by Scobey in northeast Montana), and energy development in eastern Montana (primarily in the Colstrip area).

As a result of the 1977 Amendments to the Clean Air Act, several areas in Montana were designated non-attainment for various NAAQS based on the air quality data. Air quality monitoring increased in these areas as SIPs were being developed. Field sampling,

emission inventory estimates, and dispersion modeling allowed staff to focus on worst-case or maximum concentration sites primarily in CO and TSP non-attainment areas.

In 1978, the EPA promulgated a standard for lead. Emphasis on lead monitoring and investigations to determine maximum concentration sites were conducted in the East Helena area as part of the original SIP. The present day East Helena TSP/lead monitoring network evolved from this study.

In 1981-82, a SO_2 surveillance network was established as a condition of the 1977 Stipulation with the Billings/Laurel industries and the State. The network, at that time, contained eight SO_2 monitoring sites equipped with meteorological sensors and one upper air station. Industrial locations, topography, wind roses, emission estimates, and past ambient data were used to locate the sites in maximum concentration locations or where the public may be affected.

SO_2, meteorological, TSP, NOx, and Pb monitoring networks were established in East Helena and Colstrip, essentially encircled the point sources. These multiple site networks allowed adequate coverage (regardless of the wind direction) to determine maximum concentrations from the sources.

The Montana Air Quality Program changed further with the formation of the Standing Air Monitoring Work Group (SAMWG). At the request of the EPA Deputy Administrator, SAMWG was formed in 1975. This group included people representing state and local air pollution control agencies, EPA headquarters and EPA regional offices. The purpose of the group was to critically review and evaluate current air monitoring activities, develop more effective air monitoring strategies, help correct identified problems, improve overall current operations, and meet projected air monitoring goals.

SAMWG developed a number of recommendations that were promulgated in the Federal Register on May 10, 1979 and later updated on March 19, 1986 and July 1, 1987 (40 CFR Part 58).

The areas covered included:

Appendix A - Quality Assurance Requirements for State and Local Air Monitoring Stations.

Appendix B - Quality Assurance Requirements for Prevention of Significant Deterioration (PSD) Air Monitoring.

Appendix C - Ambient Air Quality Monitoring Methodology.

Appendix D - Network Design for State and Local Air Monitoring Stations and National Air Monitoring Stations.

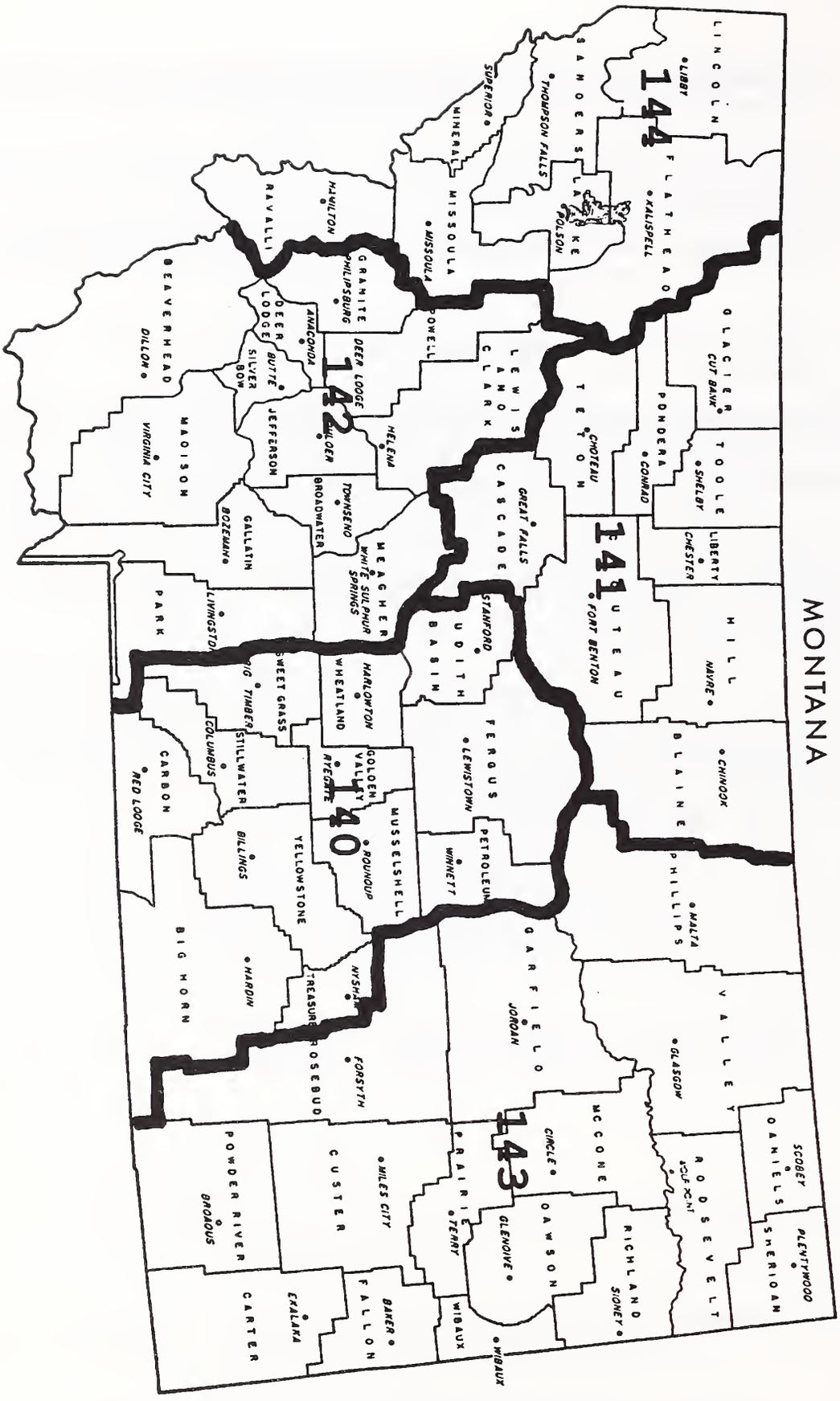
Appendix E - Probe Siting Criteria for Ambient Air Quality Monitoring.

Appendix F - State and Local Air Monitoring Stations Air Quality Annual Report.

Appendix G - Uniform Air Quality Index and Daily Reporting.

Appendices D and E included network review, design and siting criteria. In the State's first network review (1979 Network Review) the Department designated each monitoring site in the State as either a National Air Monitoring Station (NAMS), State and Local Air Monitoring Station (SLAMS), or Special Purpose Monitoring Station (SPM). The NAMS/SLAMS network was developed to meet the four basic monitoring objectives as listed in Section 1.1 (two additional monitoring objectives have been added to this section relative to $PM_{2.5}$ monitoring).

Table 1 at the end of this report gives a brief description of the statewide ambient air monitoring network. The table lists all sites operated by the Department, county agencies and those operated by industry. The table provides a narrative regarding any changes or modifications to the sites, including any proposed sites.



Montana Air Quality Control Regions

2.0 AMBIENT MONITORING NETWORK COVERAGE

This section addresses air quality problems and concerns within each Air Quality Control Region (AQCR) and county. It is a continuation of discussions presented in Section 1.2 regarding specific pollutants and problem areas. Each of the EPA criteria pollutants is discussed individually regarding data collection and appropriate correlations.

The review analyzes pollutant emissions, ambient data, and meteorological data related to specific sites or problem areas. The review is intended to show that existing monitoring sites should continue to operate (because they still serve a purpose) or are not needed and should be terminated. There are some instances where some sites may need to be modified in order to meet an intended purpose.

The 1998 Network Review also contains meteorological data collection. The Department uses various weather instruments to measure parameters such as wind speed, wind direction, and temperature. These values are used in support of the analysis of air pollution data and to estimate pollutant concentration through dispersion models.

2.1 SULFUR DIOXIDE AREAS

As mentioned in Section 1.2.2, there are only four areas in the State where SO_2 is an issue or concern. These are the Billings/Laurel area in Yellowstone County, East Helena in Lewis & Clark County, Great Falls in Cascade County, and Colstrip in Rosebud County.

2.1.1 AQCR 140 - SOUTH CENTRAL MONTANA

2.1.1.1 YELLOWSTONE COUNTY

The sulfur dioxide issue in Yellowstone County has been with the air quality program since its inception in the mid to late 1960s. Early monitoring with sulfation plates and SO_2 analyzers showed that the Laurel area exceeded air quality standards and the Billings area measured elevated levels.

There are seven major sources in the Billings/Laurel area which emit SO_2. In Billings, these include Exxon (oil refinery), Conoco (oil refinery), Montana Power (coal-fired electric power generating facility), Western Sugar (sugar beet factory), Yellowstone Energy Limited Partnership (coke-fired cogeneration power plant), and Montana Sulphur & Chemical (sulfur recovery facility). In Laurel, the major source is the Cenex oil refinery. Total SO_2 emissions for these sources for 1997 are estimated to be 19,100 tons/year.

Billings and Laurel are situated along the Yellowstone River Valley in south central Montana. The Yellowstone River Valley runs from southwest to northeast and is a predominant topographical influence on the airflow in the area. In Billings, there are cliffs or rimrocks located both north and south of the river which also tend to cause airflow channeling. The distance between the north and south rims range from about one to five miles. In Laurel, the valley tends to be a little wider and the predominant high terrain is not close by. The cities of Billings and Laurel and all of the industrial sources are located along the river valley. Nearby terrain is often higher than the highest smoke stacks.

Wind roses in the area are reflective of the valley orientation. The predominant wind direction is from the southwest with northeast as the second most predominant direction. As with many areas in Montana, the area experiences temperature inversions in the fall and winter months. This causes pollutants to become trapped and build up for extended periods. Inversion breakup occurring after sunrise causes built-up concentrations to drop closer to the ground and results in elevated readings measured at the monitoring stations. With frontal passage or higher wind speeds, winds can cause plumes to directly impact the ground resulting in high SO_2 concentrations.

In 1977, a stipulation was signed between the Department and the Billings/Laurel industries. The stipulation (requiring the industries to employ various control options) was the framework used to bring the area into compliance with the ambient standards. In 1978, the Laurel area was designated non-attainment of the NAAQS SO_2. The stipulation became part of the SIP and was approved by EPA. The 1977 stipulation also commissioned the Department with industrial funding to conduct an ambient air quality study to more fully ascertain the magnitude and geographical extent of the SO_2 concentrations. Another major goal of the study was to identify the relative source contributions from each industry.

In 1981-82, the Department through a cooperative effort with the industries designed and installed a sulfur dioxide monitoring network. The network consisted of eight SO_2 monitoring sites with meteorological monitors and an upper air site employing acoustic radar and pilot balloons. Six of the SO_2 sites were in Billings and two were in Laurel. Using this data, the Department attempted to validate a mathematical model that could predict concentrations from the various SO_2 sources. These attempts failed due to the following reasons: (1) a lack of good emissions data; (2) high concentrations caused by inversion breakup and direct plume impact (which the model could not handle); (3) over-prediction of plume rise by

the model; and (4) receptors being so close to the sources that small changes in wind direction could cause large differences in predicted versus actual concentrations. A novel approach was developed using directional analysis and mass emissions to characterize source contributions to the annual average at the worst-case receptor. This was useful but could not be applied as a predictive tool for short-term averages or at other receptors in the valley.

Following this study, the SO_2 monitoring network was scaled down in various stages until it reached a minimum early in 1987. As mentioned previously, eight SO_2 monitoring stations were in operation in 1982 during the SO_2 study. Following the conclusion of that study, the network was scaled down to four sites in 1983. These included Coburn Road (30-111-0066), Lockwood Park (30-111-0065), North Johnson Lane (30-111-0064) and Taft School (30-111-0064). It should be noted that no sites were kept in the Laurel area since the two sites in the 1981-82 study showed compliance with the NAAQS and MAAQS. The Department felt that greater emphasis was needed in the Billings/Lockwood area. In December 1983, the Taft School site was shut down to reduce the operator's workload in Billings. The network of three continued until June 1986 when a leasing problem caused the Department to shut down the North Johnson Lane site. In January 1987, the Department shut down its Lockwood Park site due to further cutbacks of personnel in the Billings office. At that time the network was reduced to a single site, Coburn Road, which has been the backbone of the network.

From 1984 to 1986, the Department explored rule-making options to bring the area into compliance with the SO_2 MAAQS. With no easy administrative solutions in sight, the Montana Legislature passed HB 534 in the 1987 session. This bill exempted the existing Billings/Laurel industries from meeting the MAAQS; they had only to meet the NAAQS (which was being met in Yellowstone County). Acknowledging the State's diminishing role in SO_2 monitoring in Billings, the legislature passed HB 878 which provided state funding for continued monitoring. With this funding the State was able to add one additional site, Scottish Rites (30-111-0073), to its network.

At the same time, the six Billings/Laurel industries combined resources to address SO_2 issues including monitoring. The Billings/Laurel Air Quality Technical Committee (BLAQTC) was formed in the spring of 1987. BLAQTC hired a contractor, purchased equipment and installed three SO_2 monitoring stations. Two of the sites were in Billings, Lockwood Park (30-111-1065) and Coulson Road (30-111-2004), and one was in Laurel,

Laurel-BLAQTC (30-111-0016). The Department is a non-paying member of BLAQTC and works with the group on site selection, quality assurance, and ambient monitoring. By the end of 1987 the combined State and BLAQTC network consisted of five sites.

This monitoring network remained the same until October 1989. Upon agreement with the Department and BLAQTC, the Scottish Rite site was moved to Ponderosa School (30-111-0076) and the Coulson Road site was moved to Brickyard Lane (30-111-2005). The group felt that the old sites had served their purpose and that higher SO_2 concentrations might be found at the new sites. The Department documented the recent SO_2 monitoring sites in forms sent to EPA on January 5, 1990. EPA approved all of these sites in a letter dated May 14, 1990.

On June 30, 1992, the Ponderosa School site was shut down due to low SO_2 readings. This action was approved by EPA in a letter dated June 22, 1992. The Ponderosa monitoring shelter was moved to the Coburn Road location, approximately 30 feet west of the existing air monitoring trailer. In an attempt to reduce vandalism, the instruments in the original Coburn Road trailer were moved to the new (i.e. old Ponderosa) shelter on October 1, 1992. A letter, with photographs, documenting the move was sent to EPA on October 29, 1992. The old Coburn Road trailer was surplused.

In 1990, EPA hired a contractor to develop a SO_2 emission inventory for the Billings-Lockwood-Laurel area. The final report was submitted during February, 1991. Also in 1990, the City of Billings hired a contractor to perform a dispersion modeling study for the Billings-Lockwood-Laurel area utilizing recently gathered meteorological data and updated emission inventory. The preliminary results of the dispersion modeling study indicated that potential violations of the SO_2 NAAQS existed using allowable emission rates as well as actual emission levels. In some cases, the model predicted high SO_2 concentrations in areas where air monitoring had never been conducted. In July 1990, Billings Generation, Inc. (BGI) applied for a permit to construct a coke-fired, power generation facility adjacent to and utilizing petroleum coke from the Exxon Refinery. Dispersion modeling by BGI, required as part of the permitting process, indicated elevated SO_2 levels in the Lockwood area. The Department reviewed and refined the results of the modeling studies and concluded that additional SO_2 monitoring sites were needed.

At the location of the modeled maximum SO_2 "hot-spot" the Department installed a SO_2 monitor. The site, Sacrifice Cliff (30-111-0080), was approved by EPA effective May 19, 1993, and data collection began at

that time. As a result of the permitting process, BGI (now Yellowstone Generation Inc.) operates SO_2 monitors at two other modeled "hot-spots". The first one, Johnson Lane (30-111-2006), is located near Johnson Lane, south of I-90, and east of the existing Lockwood Park site. EPA approved the Johnson Lane site on March 7, 1994 with data collection starting on November 2, 1993. The second site, Pine Hills (30-111-2007), is located east of the I-90/I-94 junction, in the elevated terrain near the Pine Hill School. EPA approved the Pine Hills site on March 7, 1994 with data collection starting on November 2, 1993.

A consortium of Billings industries installed a SO_2 analyzer at the Mt. Olive site with data collection starting on December 1, 1995. This group also started a new site at Senior High School (30-111-2008) with CO, SO_2 and meteorological monitoring. SO_2 data collection at Senior High began December 26, 1995. Sampling at the Mt. Olive and Senior High sites was discontinued on July 1, 1997.

In November 1988, the Department started collecting peak five-minute SO_2 averages for each hour. The EPA met with the Department and BLAQTC in February 1990 and offered two SO_2 analyzers to conduct peak monitoring in the range from 1 to 5 ppm. In September 1990, the Department and BLAQTC installed one of these monitors at the Coburn Road site and the other at the Lockwood Park site. These monitors collected peak five-minute data for six months until the end of March 1991. Peak data was also collected at the other three sites with analyzers in the range of 0 to 1 ppm. After completion of the study, an EPA contractor reviewed and analyzed the data; the results were inconclusive. The Department continues to collect peak five-minute SO_2 data but none is collected at the industry sites. If frequent off-scale (i.e.<1.0 ppm) excursions are measured at the State operated sites, the Department may decide to operate the SO_2 analyzers at a higher range.

The Department recommended some changes and additives to the network in the 1997 Network Review, but those changes are still pending at this time.

2.1.2 AQCR 141 - CENTRAL MONTANA

2.1.2.1 CASCADE COUNTY

The SO_2 issue in the Great Falls area became apparent as the result of dispersion modeling performed in support of a permit application by Montana Refining. Potential exceedances of the SO_2 NAAQS were

identified on high ground to the east of the Montana Refining facility. The permit subsequently required SO_2 monitoring at the identified "hot spot". The Wire Mill Road site (30-013-2000) began reporting valid data on November 14, 1994. Montana Refining emitted 1,029 tons of SO_2 in 1997.

2.1.3 AQCR 142 - SOUTHWESTERN MONTANA

2.1.3.1 LEWIS & CLARK AND JEFFERSON COUNTIES

There has been a SO_2 issue in Lewis & Clark County (and Jefferson County) for a number of years. ASARCO's East Helena primary lead smelter is the only major SO_2 point source in Lewis & Clark County. In 1997, the ASARCO smelter emitted approximately 10,307 tons/year of SO_2. The ASARCO smelter is located next to the city of East Helena in the Helena Valley. The Helena Valley is a fairly wide valley (approximately 16 miles by 16 miles) and lies east of the Continental Divide. East Helena is located at the southern end of the valley. The valley is surrounded by mountains and experiences significant temperature inversions in the fall and winter months. Predominant wind directions are from the northwest through southwest. Monitoring by ASARCO in the early 1970's revealed exceedances of the SO_2 standard in the East Helena area. At that time ASARCO operated six monitoring sites in the East Helena area.

In 1975, the Montana SIP was revised to include SO_2 controls that provided for the attainment and maintenance of the SO_2 NAAQS. The strategy limited the emission rate for the sinter plant and called for a 75 percent reduction of SO_2 on an annual basis. As a result, ASARCO installed a double contact acid plant with several modified stacks to reduce the SO_2 emissions in 1977.

Continued monitoring by ASARCO showed attainment of the SO_2 NAAQS at all sites except the Kennedy Park site #30-049-0703 (north of East Helena). Night drainage winds from the south along the Prickly Pear Creek often cause emissions to drift to the north. This was the probable cause of high concentrations at the Kennedy Park monitor. In 1977, the area was designated non-attainment for SO_2. It was determined that emissions from shorter stacks serving the smelter's blast furnace were the cause of the exceedances. In 1978 and again in 1980, field tracer studies were conducted to determine good engineering practice (GEP) stack height for a proposed taller stack. These proposed changes were submitted as part of the SIP. In 1982, a new blast furnace baghouse stack was built.

The taller stack allowed emissions to be dispersed at a higher elevation and eliminated high concentrations near ground level.

From 1974-1982, the Department operated three SO_2 sites adjacent to ASARCO's sites. After the acid plant was installed and the new blast furnace baghouse stack was built, ambient SO_2 concentrations dropped dramatically and the State discontinued their sites. In 1991 ASARCO was operating six SO_2 monitoring stations in the East Helena area. They were as follows: Kennedy Park (30-049-0703), East Station (30-049-0711), Kleffner Road (30-049-0701), Water Tank (30-049-0702), Microwave Tower (30-043-0903), and Ash Grove Siding (30-043-0908).

Data from analyzers in the immediate vicinity of the smelter have shown exceedances but no violations of the NAAQS or MAAQS. There were some "violations" of the three-hour NAAQS in 1987 at a SO_2 site about four miles from the smelter near a cement manufacturing facility. This was at the Highway 518 site (30-043-0906). A data review did not determine any cause for the high readings and it was difficult to determine if the readings were valid. No other violations have occurred since this time.

In April 1991, EPA notified the Department that the East Helena SO_2 SIP was inadequate, and needed to be revised and resubmitted to EPA by May 1992. This request was driven by an inadequate GEP stack height analysis and requirements in the Clean Air Act Amendments of 1990.

The Department has worked with ASARCO in developing a Quality Assurance (QA) plan and Standard Operations Proceedures (SOP) documents for their SO_2 monitoring network. The QA plan was submitted to EPA in August 1992 and approved by EPA on February 23, 1993.

In 1992, dispersion modeling was performed as part of the SIP revisions. That modeling indicated that potentially high ambient SO_2 levels were occurring in the elevated terrain to the southwest and southeast of the smelter, in Jefferson County. As a result, the ambient SO_2 monitoring network was significantly revised in the spring of 1993. The network consisted of thirteen SO_2 sites, as follows: Microwave (30-043-0903), Ash Grove Siding (30-043-0908), Kleffner Road (30-049-0701), Water Tank (30-049-0702), Kennedy Park (30-049-0703), Top of Microwave Hill (30-043-0909), McClellan Creek Road #3 (30-043-0910), McClellan Creek Road #4 (30-043-0911), McClellan Creek Road #5 (30-043-0912), McClellan Creek Road #6 (30-043-0913), McClellan Creek Road #7 (30-

043-0914), McClellan Creek Road #8 (30-043-0915), and McClellan Creek Road #9 (30-043-0916).

On June 30, 1997, monitoring was discontinued at Ash Grove Siding (30-043-0908), Kleffner Road (30-049-0701), Top of Microwave Hill (30-043-0909), McClellan Creek Road #3 (30-043-0910), McClellan Creek Road #5 (30-043-0912), McClellan Creek Road #7 (30-043-0914), McClellan Creek Road #8 (30-043-0915), and McClellan Creek Road #9 (30-043-0916).

The reconfigured network will be adequately distributed to show attainment and maintenance of the NAAQS and MAAQS. The East Helena SO_2 SIP revision for the annual and 24-hour NAAQS was approved by EPA on March 28, 1995. The East Helena SO_2 SIP for the 3-hour NAAQS will be completed in 1998.

2.1.4 AQCR 143 - EASTERN MONTANA

2.1.4.1 ROSEBUD COUNTY

The sulfur dioxide issue in Rosebud County centers around the Montana Power Company's (MPC) four coal-fired power generating plants in Colstrip. The topography of the area is semi-rugged to rolling terrain. The area sometimes experiences temperature inversions but generally receives good airflow and is usually well ventilated. In 1997, all the Colstrip units emitted approximately 14,578 tons/year of SO_2.

MPC Units #1 and #2 were permitted in 1973 by the State. Unit #1 was commissioned in October 1975 and Unit #2 in August 1976. The SO_2 control for these units are wet scrubbers with a 70 percent control efficiency.

In 1978, an EPA PSD permit and State operating permit were issued for Colstrip Units #3 and #4. The potential impact of SO_2 emissions on the Northern Cheyenne PSD Class I area resulted in higher stacks and greater control efficiencies for Units #3 and #4. The control for these units consists of wet scrubbers with lime injection and results in a 90 percent control efficiency.

The company maintains an ambient network around the facility and supports a tribal air monitoring program on the Northern Cheyenne reservation. Data submitted by the company show very low concentrations with no violations of the NAAQS or MAAQS. MPC

operates three SO_2 sites. These are at MPC #1 (30-087-0701), MPC #2 (30-087-0702), and MPC #3 (30-087-0700). MPC #4 (30-087-0704) was shut down on June 30, 1992 and the termination was approved in an EPA letter dated April 3, 1992.

The Colstrip area is considered attainment for SO_2. The Department currently processes Montana Power's SO_2 data and update it to AIRS. The Department also obtains precision and accuracy data. It is still imperative to keep collecting ambient SO_2 data with the current network. The current network is adequately distributed to track compliance with the NAAQS, MAAQS, and PSD increments.

2.2 NITROGEN DIOXIDE AREAS

As mentioned in Section 1.2.6, nitrogen dioxide is not a pollutant of major concern in Montana. There are, however, two areas in the State where NO_2 is being (or was recently) monitored by companies as a permit condition. These areas are in Missoula and Colstrip.

2.2.1 AQCR 143 - EASTERN MONTANA

2.2.1.1 ROSEBUD COUNTY

The nitrogen dioxide issue in Rosebud County centers around Montana Power Company's four coal-fired power generating plants in Colstrip. Units #1 and #2 were permitted in 1973 by the State. Unit #1 was commissioned in October 1975 and Unit #2 in August 1976. In 1978, an EPA PSD permit and State operating permit were issued for Colstrip Units #3 and #4. In 1997, the Colstrip units emitted approximately 28,918 tons/year of NO_2.

The company maintains an ambient network for NO_2 around the facility and supports a tribal air monitoring program on the Northern Cheyenne reservation. Data submitted by the company are very low and show no violations of the NAAQS or MAAQS. MPC operates three NO_2 sites. These are at MPC #1 (30-087-0701), MPC #2 (30-087-0702), and MPC #3 (30-087-0700). MPC #4 (30-087-0704) was shut down on June 30, 1992 and the termination was approved in an EPA letter dated April 3, 1992.

The topography of the area is semi-rugged to rolling terrain. The area sometimes experiences temperature inversions but generally receives good airflow and is usually well ventilated.

The Colstrip area is considered attainment for NO_2. The current network is adequately distributed to track compliance with the NAAQS and MAAQS.

2.2.2 AQCR 144 - NORTHWESTERN MONTANA

2.2.2.1 MISSOULA COUNTY

Missoula is situated at the confluence of the Bitterroot and Clark Fork Rivers. The Missoula urban area is home to nearly 62,000 persons. The Missoula Valley is similar to other western Montana valley; it is susceptible to temperature inversions in the fall and winter months.

The nitrogen dioxide issue in Missoula County centers around the Stone Container kraft pulp mill near Frenchtown. In May 1987, the company received a PSD permit from the State to burn petroleum coke in their four lime kilns. As a permit condition, Stone Container was required to operate one NO_2 monitoring site near their facility. To date, only one lime kiln has been converted to burn coke. The data collected and submitted to the State by Stone Container showed very low concentrations with no violations of the NAAQS or MAAQS. In 1997, the Stone Container facility emitted approximately 2,117 tons/year of NO_2.

The NO_2 monitoring was discontinued, at Stone's request, on June 1, 1992 due to low ambient concentrations. The monitoring will resume when another lime kiln is converted to burn coke. The ambient data showed that the area remains in compliance with the NAAQS and MAAQS.

2.3 CARBON MONOXIDE AREAS

Carbon monoxide (CO) is a pollutant of concern in the larger communities in Montana. Currently, Missoula is categorized as non-attainment for carbon monoxide. Billings and Great Falls are categorized as unclassified for carbon monoxide attainment. Kalispell violated the 8-hour CO NAAQS in January 1996. Automobile exhaust is the primary source of CO emissions in these communities. Other sources include industrial emissions as well as agricultural and forestry burning. In some western Montana valleys, residential wood combustion is a major contributing source.

As part of the network review process, the Department has looked at other communities where CO may be a problem. These are discussed in the following sections.

2.3.1 AQCR 140 - SOUTH CENTRAL MONTANA

2.3.1.1 YELLOWSTONE COUNTY

In Yellowstone County, the city of Billings is situated along the Yellowstone River Valley. The Yellowstone River Valley runs from southwest to northeast and is a predominant topographical influence on the airflow in the area. Located both to the north and south of the river are cliffs or rimrocks which tend to cause channeling. The distance between rims is about one mile wide where the downtown area is located.

In 1978, the Billings downtown area was designated non-attainment for CO due to high readings at the 27th & Montana monitoring site (30-111-0053). Automobile exhaust was thought to be the primary source of CO. As part of the SIP development process, a model predicted that an area along Main Street (formerly Exposition Drive) had the highest potential to exceed the standards. The plan for the attainment of the 8-hour standard predicted that modification to the Main Street-First Avenue North intersection would achieve the standard.

Data collected at the Metra Parking Lot site (30-111-0061) during the two years following the modifications to Main Street (1985-86) indicated compliance with the standard. Upon EPA's review of the redesignation request, the Department was informed that (1) the data collected did not meet the completeness requirement, (2) the site should be relocated closer to the nearest traffic lane at a maximum concentration microscale site, and (3) a redesignation request would have to show attainment/maintenance at all locations.

Attempts to locate a new EPA-approved site followed a somewhat convoluted path. EPA wanted a site just north of the 4th Avenue entrance to the Metra Parking Lot. Permission could not be obtained mostly due to traffic and safety concerns. A site was temporarily located near the Main Street-6th Avenue North intersection (30-111-0074), but soon after it started operation, water pipes and valves were unearthed below the monitoring shelter. It was decided that this site was impractical considering future access to the water valves.

After a lengthy approval process, EPA granted permission to locate a microscale CO monitor just south of the 4th Avenue North entrance to the Metra Parking Lot (30-111-0075). Carbon monoxide data was collected from October 1988 to November 1992 and did not record any exceedances of the MAAQS or NAAQS.

In order to show attainment and maintenance of the standard at all locations, Yellowstone County Air Pollution Control conducted CO grab sampling studies during the winters of 1988-89 and 1989-90, and a CO saturation study in December 1991. The last study identified three maximum CO concentration areas: 1) the west side along 24th Street West, 2) the downtown business district along North 27th Street, and 3) Grand Avenue and 15th Street. As a result of the EPA approved saturation study the Department and the Yellowstone County Air Pollution Control program installed two new CO monitoring sites in Billings during the fall of 1992 and terminated the Metra CO monitoring site (30-111-0075).

The downtown site, Diamond Parking (30-111-0078), was located on North 27th Street, between 3rd & 4th Avenues. It began operation in November 1992 and was approved by EPA in a letter dated April 2, 1993. The Diamond Parking Lot site was discontinued on April 8, 1994, and a new site (Norwest, 30-111-0081) was established, across 27th Street and one block south, in the same area. The Norwest site was approved by EPA and started data collection on April 25, 1994. The west side site, Mount Olive (30-111-0079), is located on 24th Street West, just north of Central Avenue. It also began operation in November 1992 and it was approved by EPA in a letter dated February 5, 1993. The Mount Olive site was discontinued July 1, 1997, due to low readings. A new CO site (Bridal Shop, 30-111-0082) was installed on Grand Avenue near the intersection of Grand Avenue and Division, and began valid data collection on December 11, 1997.

In 1995, a consortium of Billings industries started a new site at the Senior High School (30-111-2008) with CO, SO_2 and meteorological monitoring. CO data collection at Senior High School began December 12, 1995. The Senior High School site was discontinued on July 1, 1997.

Due to provisions in the Clean Air Act Amendments of 1990, Billings was reclassified as "unclassified" under the CAAA. This label was given because the design value for this community was less than 9.1 ppm. The Department is required to submit community specific maintenance plans to EPA when the redesignation request is made. At that time the Department will review the data to determine which site records the maximum CO concentrations and only operate that one site for maintenance purposes. The Department intends to submit a redesignation request for Billings in 1998.

2.3.2 AQCR 141 - CENTRAL MONTANA

2.3.2.1 CASCADE COUNTY

In Great Falls, a corridor along 10th Avenue South was designated non-attainment for CO in September 1980 due to high readings at the Midas Muffler site (30-013-0015) located near the intersection of 10th Avenue South and 9th Street. This site ran from 1977 until 1979 when a leasing problem forced the State to relocate the monitor about twelve blocks east at the Great Falls Federal site (30-013-0021). This site operated until 1983 when the monitoring trailer was again moved to the Pardis Clinic site (30-013-1023). The Pardis site was located one block west and across the street from the original Midas Muffler site. The Department anticipated higher concentrations at this site because it was located at a lower elevation and the traffic volume on this section of 10th Avenue South was higher.

Sampling at the Pardis Clinic site began in November 1983 and was established as a middle scale site. In May 1987, and again in August 1987, EPA informed the State that "in order to determine whether an area is attaining the NAAQS, a control agency must locate at least one monitoring station in the area of maximum concentration." EPA interprets such a location for CO to be a microscale site. On November 4, 1987, the Department moved the probe to be within microscale siting. The site remained microscale until November 16, 1988, when the site was moved back to middle scale at the landowner's request.

Carbon monoxide data collected at the Pardis Clinic site showed a few exceedances of the 8-hour standard from 1986-88. A review of the exceedances showed that most occurred in the evening hours with very light to calm winds. In 1983, a staff review of data showed that area-wide sources could be contributing to the elevated readings.

Since microscale siting at the Pardis Clinic could not be continued, the Department moved the CO trailer about a block west on 10th Avenue South at the Skyway Conoco site (30-013-1025) on November 9, 1989. This site modification request was approved by EPA in a letter dated November 2, 1989. This site is currently in operation and is microscale.

The Department and Cascade County conducted a saturation study in January 1992 to determine a maximum concentration CO site in Great Falls. The results from this study were generally inconclusive. Although, there was one location a few blocks east of the existing Skyway Conoco

site that had slightly higher CO concentrations, but the differences in the concentrations were statistically insignificant. Most of the concentrations recorded during the study were low due to windy conditions that resulted in excellent atmospheric ventilation. The dispersion conditions during the study are typical of those in Great Falls most of the year.

As part of the SIP development process in the early 1980s, a model predicted that several intersections along 10th Avenue South had the potential for violating the NAAQS for CO. The subsequent SIP control plan submitted to EPA stated CO standards could be achieved by 1985 or 1986 with EPA-mandated emission standards for automobiles, increased traffic speed along 10th Avenue South, improved traffic light synchronization, a widening of near-by bridge, mass transit system and emission reductions at the Montana Refining Company.

Due to the continued exceedances at the monitoring sites on 10th Avenue South, EPA told the State that the SIP was inadequate and needed be revised. As part of the rewrite, CO emission inventory data was submitted to EPA in December 1989. No comments were received from EPA on this emission inventory. An emission inventory using 1990 as a base year was submitted to EPA in the summer of 1992 and EPA's comments were received in December 1992. A finalized emission inventory received Departmental (Board of Environmental Review) approval on December 9, 1996 and was submitted to EPA in 1997.

Due to provisions in the Clean Air Act Amendments of 1990, Great Falls was categorized as "unclassified" under the CAAA. This label was given because the design value for this community was less than 9.1 ppm. The Department is required to submit community specific maintenance plans to EPA at the time of the redesignation request. The Department intends to submit a redesignation request for Great Falls in 1998.

2.3.3 AQCR 142 - SOUTHWESTERN MONTANA

2.3.3.1 SILVER BOW COUNTY

Butte has an urban population of approximately 32,000 persons. The elevation averages 5300 feet with the Continental Divide surrounding the city on three sides. Wind speeds in Butte are usually calm and the area is susceptible to severe temperature inversions in the fall and winter. The old part of Butte is built on a hillside next to the Berkeley Pit. The new part of town is built on the "flats" to the south and is where much of the strip development is located. Harrison Avenue is a street that links

uptown with the flats. Interstate 90 is a major east/west highway that slices through the lower part of town with off-ramps to Harrison Avenue.

In 1987-88, a SPM site for CO was operated on Continental Drive (30-093-0022) near the main entrance to the Berkeley Pit and within a few blocks of the Department's PM_{10} site at Greeley School (30-093-0005). The highest 8-hour reading was 9.1 ppm. In 1978-79, the Department operated a site at Hebgen Park (30-093-0018). The highest 8-hour concentration was 7.8 ppm. Neither site was considered a maximum concentration site for CO.

The Department conducted a CO saturation study in Butte for about two weeks in mid-December 1995. The study showed the highest CO concentrations on Harrison Avenue near the Interstate. The Department has established a CO monitoring site, Storm Sewer (30-093-0053), at the probable high concentration location at the intersection of Dewey and Harrison Avenue. Valid data collection began November 7, 1997.

2.3.4 AQCR 144 - NORTHWESTERN MONTANA

2.3.4.1 FLATHEAD COUNTY

The Department conducted a CO saturation study in Kalispell from December 16, 1994, to January 2, 1995. From the saturation results and professional judgement a CO monitoring site was established near the intersection of Idaho and Main Streets in Kalispell with data collection beginning on October 31, 1995. Two exceedances (a violation) of the 8-hour CO NAAQS were recorded at the Idaho and Main site in January 1996.

Kalispell has an urban population of approximately 31,600 persons although the majority of the 67,300 county residents live within a 15 mile radius of the city. Kalispell serves as a business, service and shopping center for the greater Flathead Valley. The Flathead Valley is located west of the Continental Divide and is a fairly wide (14 miles across) valley. The climate is mild with calm or low wind speeds. Like many communities in the western part of the State, the area is susceptible to temperature inversions in the fall and winter. Two major highways serve Kalispell. These are Highway 2 which is an east/west route and Highway 93 which is a north/south route. These two highways meet at a stoplight in Kalispell at Main Street (Highway 93) and Idaho Street (Highway 2). The queuing time for this intersection can be lengthy, allowing motor vehicles to idle for extended periods, emitting large quantities of CO.

Residential wood combustion in Kalispell is common as much of the community has easy access to wood from local forests. The CO emitted by traffic at the Main Street-Idaho Street intersection combined with the area-wide contribution from wood stoves has the potential to create elevated concentrations of CO.

A second CO site, Laser School (30-029-0046), was established in Kalispell with data collection beginning November 1, 1996. Laser School is a neighborhood scale site which should help define the geographic extent of the CO problem in Kalispell.

2.3.4.2 MISSOULA COUNTY

The city of Missoula was designated non-attainment for CO based on high concentrations recorded at the intersection of Brooks (U.S. 93), Russell and South. This intersection and the monitoring site are known as Malfunction Junction (30-063-0005). Exceedances of the 8-hour CO standard have also been observed at other air monitoring sites in Missoula: Lions Park (30-063-0019), in the downtown area on Higgins Avenue (30-063-0023), and Boyd Park (30-063-0024).

Missoula is situated at the confluence of the Bitterroot and Clark Fork Rivers in western Montana. The city has a population of approximately 45,000 persons but the urban area contains approximately 62,000. The Missoula Valley is fairly narrow (approximately 6 miles across) and similar to other western Montana valleys because it is susceptible to temperature inversions in the fall and winter months. Wind speeds are calm or low throughout much of the year and allow concentrations to build up.

A SIP was submitted to EPA which detailed a plan to bring the area into compliance. The plan called for the reconstruction of the Malfunction Junction intersection including limited turn lanes, timing sequences for the traffic lights, and increased vehicle speeds. Additional reconstruction was performed on a portion of Highway 93 between Mount Avenue and Reserve Street. The reconstruction was completed in late 1985.

The Malfunction Junction site was temporarily shut down in July 1983 and reactivated in January 1986 after the completion of the reconstruction. The CO data collected from 1986 to 1992 showed some exceedances of the 8-hour CO standard. There have been no measured exceedances since October 1992 when an oxygenated fuels program was implemented.

A second CO site in Missoula operated at Boyd Park in the southern part of the city from August 1981 to March 1991. It was suspected that most emissions at this site were from residential wood combustion although CO from traffic may also have contributed. In May 1991, the Department made a request to EPA to permanently shut down the site. The site had not measured an 8-hour CO exceedance since 1987 and the site was in the same general area as the maximum concentration site of Malfunction Junction.

EPA responded to the Department's request in a letter dated August 8, 1991. They disapproved of the proposal to permanently shut down the Boyd Park CO site. EPA needed additional justification (documentation) that Malfunction Junction is the maximum CO location and that there is no need for a second CO monitoring site in Missoula (i.e., that Malfunction Junction can adequately address all contributing sources to the CO problem in Missoula, whether they are mobile, point or area sources). The Department provided EPA with additional justification in a letter dated September 16, 1991. EPA agreed to the Boyd Park shut down request in a letter dated October 4, 1991.

During December 1992, the Department and Missoula County conducted a CO saturation study in Missoula. The final report was submitted to EPA on April 20, 1993. EPA's response, in a letter dated May 24, 1993, states "We agree, the study confirms the Malfunction Junction intersection has the highest carbon monoxide levels in the Missoula area and the existing monitoring station know as "Malfunction Junction" is the maximum concentration monitoring station."

EPA and the Department were concerned that area-wide sources such as residential wood combustion combined with traffic emissions contribute to elevated CO levels at other areas in Missoula. In July 1988, EPA notified the Department that the Missoula CO SIP was substantially inadequate. The Department and Missoula County prepared an emission inventory and submitted it to EPA in December 1989. No comments were received from EPA on the adequacy of this emission inventory. A new emission inventory using 1990 as a base year was submitted to EPA on November 13, 1992 and EPA's comments were received in December 1992.

Due to provisions in the Clean Air Act Amendments of 1990, Missoula was categorized as a "moderate" non-attainment area. This label was given because the design value was greater than 9 ppm for an eight hour period. The State submitted a SIP revision to EPA on November 6, 1992. One of the control measures in the SIP revision was an oxygenated fuels

program. The oxygenated fuels program was implemented on October 1, 1992. The Department has no plans for a second CO monitoring site in Missoula and intends to operate only the Malfunction Junction site for maintenance purposes. There have been no CO exceedances in Missoula since the implementation of the oxygenated fuels program.

2.4 OZONE AREAS

Ozone (O_3) is not a pollutant of major concern in Montana. All areas of the State are considered attainment for ozone. Unlike most other pollutants, O_3 is not emitted directly into the atmosphere but results from a complex photochemical reaction between volatile organic compounds (VOC), oxides of nitrogen (NOx), and solar radiation. Both VOC and NOx are emitted directly into the atmosphere from sources within the State. Since solar radiation is a major factor in O_3 production, O_3 concentrations peak in the summer months.

Ozone has been monitored in Great Falls, Anaconda, Missoula, Colstrip, Wolf Point, Ashland, Butte, Billings, and Glacier National Park by several different organizations. Much of the data collected in the 1970s was not credible since older, less accurate analyzers were used and poor quality assurance.

2.4.1 AQCR 140 - SOUTH CENTRAL MONTANA

2.4.1.1 YELLOWSTONE COUNTY

Billings is in an area where sources emit fairly large quantities of VOC and NOx. Billings is also an area where hot summer days may promote photochemical reactions. EPA defines the O_3 monitoring season for Montana as June 1 to September 30.

The Department first monitored for O_3 in Billings at the 27th and Montana monitoring site (30-111-0053) from September 1975 to July 1978. Several hourly concentrations exceeded the MAAQS but none exceeded the NAAQS.

The Department conducted O_3 monitoring in Billings from July 1978 to August 1980 at the Central Park monitoring site (30-111-0059). A couple hourly concentrations exceeded the MAAQS but none exceeded the NAAQS.

The Department conducted O_3 monitoring in Billings in the city center from January 1988 to September 1989 at the Scottish Rites monitoring site (30-111-0073). Ozone data collected at the Scottish Rites site showed

higher concentrations in the summer months but all were within the NAAQS. One hourly concentration exceeded the MAAQS. The Scottish Rites site (which also monitored for SO_2) was discontinued in September 1989 because the O_3 readings were low. No O_3 monitoring has been conducted (by the Department) in Billings since the Scottish Rites site was discontinued.

2.4.2 AQCR 141 - CENTRAL MONTANA

2.4.2.1 CASCADE COUNTY

Ozone monitoring was conducted in Great Falls by Montana Power Company from June 1980 to October 1981. The site (30-013-0302) was located just north of Great Falls and one mile west of Belt Creek. Three hourly concentrations exceeded the NAAQS.

2.4.3 AQCR 142 - SOUTHWESTERN MONTANA

2.4.3.1 SILVER BOW COUNTY

The Department conducted O_3 monitoring in Butte at the Alpine West monitoring site (30-093-0015) during the summer and fall of 1977. Many exceedances of the NAAQS (one hour concentrations) were recorded.

The Department conducted O_3 monitoring in Butte at the Hebgen Park #2 monitoring site (30-093-0018) from May 1978 to April 1981. No exceedances of the MAAQS or NAAQS were recorded.

2.4.4 AQCR 143 - EASTERN MONTANA

2.4.4.1ROSEBUD COUNTY

The Department conducted O_3 monitoring in Colstrip at the BN monitoring site (30-087-0027) from 1975 through 1977. Many exceedances of the NAAQS (one hour concentrations) were recorded.

The Department conducted O_3 monitoring in Colstrip at the McRae monitoring site (30-087-0028) in 1974 and 1975. No exceedances of the NAAQS or MAAQS were recorded.

2.4.5 AQCR 144 - NORTHWESTERN MONTANA

2.4.5.1 FLATHEAD COUNTY

The National Park Service is conducting non-EPA federal O_3 monitoring in Glacier National Park (30-029-8001). The O_3 monitoring is from April 1989 to December 1992, and from March 1995 to the present. No exceedances of the MAAQS or NAAQS were recorded.

2.4.5.2 MISSOULA COUNTY

The Department conducted O_3 monitoring in Missoula at the Lions Park monitoring site (30-063-0019) in 1978 and 1979. No exceedances of the MAAQS or NAAQS were recorded.

2.5 LEAD AREAS

2.5.1 QCR 142 - SOUTHWESTERN MONTANA

2.5.1.1 LEWIS & CLARK COUNTY

Lead (Pb) is a pollutant of concern in East Helena where the primary source is the ASARCO lead smelter. After promulgation of ambient air quality standards for lead, the East Helena area violated the lead standard based on ambient monitoring. The Department then conducted extensive source apportionment studies in the early 1980s. These studies included the chemical mass balance technique and the results indicated that re-entrained road dust and soil, fugitive ore concentrates, zinc oxide material, and blast furnace upsets were the primary lead contributors.

A SIP was developed and approved by EPA in 1984 which contained control strategies designed to bring the area into compliance. As of December 31, 1986, all the control strategies in the plan were implemented but ambient air monitoring data for 1987 and 1988 indicated that although lead levels decreased, they still remained above the standard. As a result, EPA notified Montana on October 1, 1988, that the East Helena lead SIP was inadequate. During the last half of 1990 and the first half of 1991, the State and the involved companies conducted ambient monitoring, emission inventory estimations, source apportionment studies, meteorological data collection, and dispersion modeling in support of a new SIP. On August 2, 1993, EPA made a finding that Montana had failed to submit a lead SIP by July 6, 1993, for the East Helena lead non-attainment area. Therefore, sanctions were to be imposed 18 months after the finding (February 2, 1995), unless the State submitted a revised SIP and EPA determined that the revised SIP was complete within that time

frame. On February 2, 1995, EPA imposed 2:1 emission offset sanctions in the East Helena lead non-attainment area. The Department submitted a lead SIP to EPA in August 1995 and a revision to the lead SIP in July 1996.

Recent TSP/Pb network modifications include the following: the Microwave (30-043-0903) TSP/Pb background site was shut down on June 30, 1991; and the Hadfield site (30-049-0719) was shut down on April 1, 1993, with the equipment moved to the current Prickly Pear site (30-049-0727). Prickly Pear is a site located directly north of the ASARCO smelter, across U.S. Highway 12, west of Prickly Pear Creek on Pacific Street. This site is near the modeled maximum Pb concentration site (modeling conducted with the assumption that all the SIP control strategies had been implemented). Prickly Pear started data collection as a collocated site in November 1993.

The current monitoring network consists of the following four sites: Firehall (30-049-0714), Dartman Field (30-049-0724), Old Railroad (30-049-0726), and Prickly Pear Creek (30-049-0727). Currently, all sites run at a 1-in-6 schedule except Firehall, which runs on a 1-in-2 schedule. On July 1, 1995, cadmium, arsenic, zinc, copper, nickel, and chromium analysis began on the filters collected at Firehall.

2.6 PARTICULATE (PM_{10} AND TSP) AREAS

Particulate matter is the largest air pollution problem in the State and has historically received a high priority from the Department. In some portions of the State, there is a total suspended particulate (TSP) record dating back to 1970. From this long historical data base the Department has learned many of the significant factors that contribute to particulate pollution in Montana. It is clear that the most important factors are a combination of meteorology and topography. Mountain valleys and frequent temperature inversions often lead to particulate being trapped close to their emission source for days at a time. The ensuing particulate matter build-up has caused many communities with relatively small particulate emission rates to exceed federal particulate standards.

In the 1970s and 1980s, a statewide TSP network was run by the Department. Data from this network proved that very few areas in the eastern portion of the State had concentrations close to primary or secondary TSP standards. Consequently, the majority of the Department's present particulate monitoring is conducted in the State's mountainous western region.

TSP particulate monitoring evolved into sampling for particulate matter less than 10 microns in aerodynamic diameter (PM_{10}) because of promulgation of the 1987 ambient

air quality standard. PM_{10} monitoring began in the summer of 1985 at many of the current sites.

Particulate emission sources in Montana are diverse. Point sources typically can be placed into one of the following categories: coal and ore mining, non-metallic mineral processing (i.e., talc, lime, and phosphate mines), wood products industries, slash burning, and wood and coal fired power generation. Although some of these sources are significant (Appendix B), they are typically located in relatively remote areas where the threat to public health is minimal. Of greater concern in the State are area sources. Examples of area sources include re-entrained road dust, residential wood combustion, and tailpipe emissions. These sources in combination with localized point sources are the cause for most of the PM_{10} problems in Montana.

The following subsections present brief descriptions of the particulate monitoring sites which have been operated or administered by the Department. Included in the descriptions are summaries of the sources that have impacted the areas, relevant topographic and meteorological information, discussions of the data collected, and future recommendations for the sites.

2.6.1 AQCR 140 - SOUTH CENTRAL MONTANA

2.6.1.1 FERGUS COUNTY

Fergus County is located in central Montana and contains several outlying frontal ranges of the Rocky Mountains including the Snowy Mountains, Judith Mountains, and Moccasin Mountains. The major city in Fergus County is Lewistown (population approximately 6,000). The topography around Lewistown is similar to a mountain valley with frequent temperature inversions which often lead to particulates being trapped close to their emission source for days at a time. The major sources of particulate include re-entrained road dust and residential wood combustion.

TSP monitoring was conducted in Lewistown from January 1980 through December 1983 and no exceedances of the standard were found.

2.6.1.2 YELLOWSTONE COUNTY

Yellowstone County is located in south central Montana and is bisected by the Yellowstone River. The major cities in the County are Billings (population approximately 82,000) and Laurel (population approximately 5,700) which are located along the Yellowstone River Valley floor. On the north and south edges of the valley, the rimrocks rise abruptly above

the valley floor. The valley is approximately 12 miles wide in Laurel, but on the eastern edge of Billings, the rimrocks form a constriction that is only about one mile wide. The prevailing winds are from the southwest and are channeled down the valley. The winds are usually responsible for good dispersion, but occasional temperature inversions do occur.

Particulate monitoring has been conducted in Yellowstone County since 1971. Initial sampling used the standard Hi-vol samplers for TSP. Although there have been several TSP sites in Yellowstone County, only those in the central part of Billings recorded elevated concentrations.

PM_{10} monitoring in Billings started in December 1986 and continues at various locations throughout the city. There has never been a recorded PM_{10} exceedance at any Billings site.

Sampling was conducted at the Diamond Parking site (30-111-0078) from November 1992 until April 1994 when the site was shut down due to site lease problems. The site was moved two blocks south and is currently operating at the Norwest site (30-111-0081). On the west end of Billings, Yellowstone County Air Pollution Control (YCAPC) developed the Mount Olive site (30-111-0079) which started collecting data in July 1994. Sampling for PM_{10} at Lockwood Park (30-111-1065) started in January 1996. The Department terminated PM_{10} sampling at Mt. Olive and Norwest in 1997 due to low PM_{10} concentrations.

2.6.2 AQCR 141 - CENTRAL MONTANA

2.6.2.1 CASCADE COUNTY

Cascade County is located in central Montana and at the southern end of AQCR 141. Great Falls is Montana's second largest city with a population of 55,000 and is located at the confluence of the Missouri and Sun Rivers. Topography plays an important role in the climate of Great Falls. The municipal airport and National Weather Service office are located on a plateau about 200 feet higher than Great Falls, which contributes to marked temperature differences. The Continental Divide to the west, and the Big Belt and Little Belt Ranges to the south are primary factors in producing the frequent wintertime chinook winds in this part of Montana. The prevalence of chinook winds creates a relatively high average wind speed (13 mph) which promotes good ventilation in the community most of the time.

Particulate monitoring has been conducted in Cascade County since 1971. Initial sampling used standard Hi-vol TSP samplers. There have been several TSP sites in Cascade County, but only those in the central part of Great Falls and Black Eagle had elevated concentrations.

In 1985, PM_{10} monitoring started at the Downtown site (30-013-0017) in Great Falls and the site continued until 1988. The Department reviewed the TSP and PM_{10} data and determined that the Fire Station (30-013-0009) site was the maximum concentration site for Great Falls. The Department moved the PM_{10} sampler from the Downtown site to the Fire Station in July 1988. The samplers were run collocated on a 1-in-6 schedule until the Department assumed responsibility for the samplers on October 1, 1991. The sampling frequency was then increased to 1-in-3 (without collocation). Since PM_{10} concentrations were consistently low, the sampling frequency was changed to 1-in-6 in July 1996. The Department terminated PM_{10} sampling at the Fire Station site in 1997 due to low PM_{10} concentrations.

2.6.3 AQCR 142 - SOUTHWESTERN MONTANA

2.6.3.1 BEAVERHEAD COUNTY

The principal PM_{10} air quality concern in Beaverhead County centers around industrial activity six miles south of Dillon around the Pfizer talc plant. Dillon is located near the center of the Beaverhead Valley. The valley floor is about 5400 feet in elevation with relatively low (6700 feet) rolling mountains located ten miles to the west. Although higher mountain ranges such as the Pioneer, Snow Crest and Ruby are nearby, the Dillon area is open and experience good ventilation.

In September 1984, a monitoring site for TSP was established at the Beaverhead County Courthouse (30-001-0001). This site operated for two years until June 1986. The monitoring data showed relatively low readings and continued monitoring was not warranted.

2.6.3.2 BROADWATER COUNTY

Broadwater County is located in west central Montana. The east boundary of the County is on the crest of the Big Belt Mountains. Broadwater County is sparsely populated (approximately 3,700) with most of the county dominated by dry land farming. The Missouri River dissects Broadwater County. Canyon Ferry Reservoir on the Missouri River is the dominant feature in the county. The PM_{10} area of most concern in

Broadwater County centers around the city of Townsend (population approximately 1,700).

2.6.3.3 GALLATIN COUNTY

The PM_{10} areas of most concern in Gallatin County center around the cities of Bozeman and Belgrade. Bozeman (population 23,000) lies at the eastern edge of the Gallatin Valley and is home to Montana State University. Bozeman does not have any major air pollution sources, but does have problems with traditional area-wide sources such as emissions from paved and unpaved roads, and residential wood combustion. Belgrade, with a population of 3,500 lies nine miles west of Bozeman. Belgrade has one major air pollution point source, the Louisiana Pacific sawmill, whose emissions include a wood-fired boiler and dust from the log deck. Belgrade's main particulate emission sources include paved and unpaved roads, residential wood combustion and the sawmill.

The dimensions of the Gallatin Valley are approximately 12 miles by 20 miles. This large area typically allows pollutants to disperse with moderate to fast wind speeds. However, during fall and winter, infrequent calm inversion conditions do allow elevated PM_{10} concentrations to accumulate around the urban areas. Also, winter road sanding contributes to elevated PM_{10} concentrations from re-entrained road dust in the spring.

The Department has been monitoring for particulate matter in Bozeman since 1978. The primary site has been at the East Main City Building (30-031-0002). Other locations were also monitored for TSP, however, the East Main site proved to be the worst-case site in Bozeman at that time.

In 1985, the Department installed a PM_{10} monitor at the East Main site and in 1987, when the PM_{10} standard was promulgated, the Department discontinued all Bozeman area TSP monitoring. The Department installed a second PM_{10} sampler at the East Main site on January 11, 1991, and increased the sampling frequency from 1-in-6 days to 1-in-2 during the first and fourth calendar quarters. Recently the Bozeman area's population has exploded, creating traffic congestion and other factors that contribute to increased PM_{10} concentrations. Thus far Bozeman has not recorded any exceedances of the PM_{10} standard, either 24-hour or annual; however, further investigation is required to determine if the current site is still a maximum concentration site.

In Belgrade, the Department received numerous complaints and a public petition for air quality monitoring in the city. Although the community is

small, it has experienced some urban sprawl from nearby Bozeman and has a major sawmill whose emissions include a wood-fired boiler and dust from the log deck. However, the main concern is centered on dust from paved and unpaved roads. The Department installed two PM_{10} samplers in a central location in an open field behind a grain elevator and sampling began in October 1991. The site, ConAgra (30-031-0008), operates on a 1-in-2 schedule during the 1st and 4th calendar quarters and 1-in-6 during the 2nd and 3rd quarters. Since sampling began readings have been low, with an occasional high reading; the highest was 137 ug/m^3 on November 11, 1993.

In the southern end of Gallatin County, West Yellowstone and Big Sky are becoming PM_{10} concerns. West Yellowstone is a main entrance to Yellowstone National Park and experiences high traffic counts nearly year round. Particulate emissions come from dirty streets, residential wood combustion (RWC), and motor vehicle tailpipes, especially in the winter with high snowmobile traffic.

Big Sky, a rapidly growing year-round resort area, is located on the west side of the very narrow Gallatin River Canyon in the Madison Mountain Range. This area's main PM_{10} emission source is suspected to be wood smoke from RWC and summer forest fires and controlled burns.

In October 1994, a PM_{10} site was installed just east of West Yellowstone at the West Entrance Station of Yellowstone National Park. This site was microscale for monitoring PM_{10} concentrations mainly from the snowmobile traffic past the West Entrance Station. The sampler was located immediately east of the kiosk (ticket booth). Data from this site was entered into the AIRS database. The site was discontinued on March 24, 1995. The Non Point Source (NPS) also operated two other sites which when combined were operating two MFC Sierra-Anderson PM_{10} samplers, a CO analyzer and a TEOM PM_{10} sampler. The PM_{10} values from all these sites were consistently low.

The Department installed a PM_{10} sampler in a vacant lot near the intersection of Firehole Avenue and Dun Raven Street. The site, Firehole (30-031-0012), became operational on November 27, 1995. The site operates on a 1-in-2 schedule during the 1st and 4th quarters and 1-in-6 during the 2nd and 3rd quarters.

2.6.3.4 JEFFERSON COUNTY

Particulate concerns in Jefferson County center around area sources in the northern part of the county. This part of the county serves as a bedroom community for persons living near and commuting to Helena. The northern part of Jefferson County includes the unincorporated communities of Montana City and Clancy as well as several adjacent subdivisions. These communities are located along the Prickly Pear Creek drainage with the Continental Divide range to the west and the Elkhorn Mountains to the east. Drainage winds tend to funnel the airflow on a north-south axis although the area does experiences calm winds and temperature inversions.

The Montana City School has been a proposed location for several years for a PM_{10} site. This proposed site is located in northern Jefferson County near Helena and East Helena. The Ashgrove cement plant is located a short distance northeast of this site and the ASARCO lead smelter to the north. This is a fast growing residential area with emissions from residential wood combustion and re-entrained road dust that may impact the Helena area. These area sources have the potential to cause elevated particulate concentrations.

2.6.3.5 LEWIS & CLARK COUNTY

Most particulate problems in Lewis & Clark County center around the city of Helena (population 25,000) and the town of East Helena (population 1,600). These two communities are situated near the southern end of the Helena Valley. The valley is large (approximately 16 miles by 16 miles), lies east of the Continental Divide, and is surrounded by mountains on all sides. Diurnal temperature inversions and inversions lasting for a few days are common. Predominant wind direction is from the northwest to the southwest.

Particulate monitoring has been conducted in Lewis & Clark County since 1957. Early sampling was performed using standard Hi-vol samplers for TSP. Many years of particulate monitoring in Helena has been conducted at the Cogswell Building (30-049-0001) near the state capitol building. The Department terminated the Cogswell site on September 20, 1997 due to low PM_{10} concentrations.

There have been several other sites in Helena, some of which were associated with Lewis & Clark County's wood stove curtailment program. PM_{10} sampling began in Helena in 1985 when the Cogswell TSP sampler

was converted to PM_{10}. Starting in 1991, the Department added Lewis & Clark County Health Department's Lincoln School (30-049-0018) PM_{10} site to its SLAMS network. Concentrations at this site have been consistently low. A new PM_{10} site at Rossiter School (30-049-0024) in the Helena Valley started data collection on November 5, 1996.

Visibility data was collected using a nephelometer at the Lincoln School site (30-049-0018) from December 1988 to March 1993. The county used the visibility data, correlated to PM_{10} levels, to call alerts for their mandatory winter-time wood stove curtailment program. The nephelometer was replaced with a Tapered Element Oscillating Microbalance (TEOM) in October 1993. The TEOM outputs near real-time PM_{10} data. Year around data from the TEOM has been stored in AIRS since start-up and will continue indefinitely.

A considerable amount of particulate sampling has also been conducted in the East Helena area. Most of this particulate sampling has been conducted in connection with lead analyses around ASARCO's primary lead smelter. The earliest TSP/Pb monitoring in East Helena (monitoring with data submittal to AIRS) was in 1972.

The current East Helena monitoring network consists of four TSP/Pb sites: Prickly Pear (30-049-0727), Firehall (30-049-0714), Dartman Field (30-049-0724), and Old Railroad (30-049-0726). Currently, Firehall runs on a 1-in-2 schedule. The other three sites run at a 1-in-6 schedule (Prickly Pear runs collocated 1-in-6).

The Department intends to continue running the current network of TSP/Pb and PM_{10} sites in Helena and East Helena since it is adequate for SIP development purposes and compliance tracking.

PM_{10} monitoring was established September 1, 1997 in Lincoln (Lincoln 1st Bank 30-049-0025). Lincoln is located west of the Continental Divide in the Blackfoot River Valley. Lincoln is situated in a deep, narrow river valley in a mountainous area with limited air dispersion and little control over open burning and residential wood burning. The Lincoln area typically experiences numerous inversions and poor visibility during the winter months.

2.6.3.6 SILVER BOW COUNTY

Butte is a city with an urban population of approximately 32,000. The elevation averages 5300 feet with the Continental Divide surrounding the

city on three sides. Wind speeds in Butte are usually low and the area is susceptible to temperature inversions in the fall and winter. The old part of Butte is built on a hillside next to the Berkeley Pit mining area and the new part of town is built on the valley floor to the south.

Particulate monitoring has been conducted in Silver Bow County since 1971. In 1978-80, the Department conducted TSP monitoring in Butte as part of the Montana Air Pollution Study (MAPS). The network consisted of five sites in the city center. The Department observed that the city center sites and specifically the Greeley School site (30-093-0005) had the highest particulate concentrations. The Department decreased its network to this single site in 1984.

The Department started daily PM_{10} sampling at the Greeley School site in September 1987. During the winter of 1987-88, the Department conducted a source apportionment study in Butte. The study involved collecting particulate data using dichotomous samplers; sources were then apportioned through chemical mass balance and optical microscopy techniques.

In November 1989, the Greeley School became a collocated PM_{10} site and on July 1992 the sampling frequency was changed from the every day sampling schedule to a 1-in-6 and a 1-in-2 schedule during the 2nd/3rd and 1st/4th calendar quarters, respectively.

The Department developed the Butte PM_{10} SIP and submitted it to the EPA in November 1991. The control strategies included controls on residential wood combustion, paved and unpaved roads, and new operating permits for area mining activities.

As part of the SIP, an emission inventory for Butte for PM_{10} was written. The inventory identified an additional "hot spot" for PM_{10} emissions in a residential area near the Harrison Avenue-Interstate 90 intersection. During January 1991, the Department established the Butte-Greenhouse (30-093-0008) PM_{10} site in the maximum emission inventory grid near the intersection. During the 2.5 years of operation, the Greenhouse site consistently had lower readings than the Greeley School site. With EPA approval, the Department shut down the Greenhouse site at the end of June 1992.

Visibility data was collected using a nephelometer at the Butte-Greeley School site (30-093-0005) from July 1989 to March 1993. The visibility data, correlated to PM_{10} concentrations, was used by the Butte-Silver Bow

County Health Department (BSBHD) to call air pollution alerts for their mandatory wintertime wood burning curtailment program. The BSBHD nephelometer was replaced with a TEOM that started operating in August 1993. Year-around data from the TEOM has been stored in AIRS since start-up. The manual PM_{10} sampling frequency changed to 1-in-6 (for all year) on October 1, 1995.

2.6.4 AQCR 143 - EASTERN MONTANA

2.6.4.1 RICHLAND COUNTY

The air quality concerns in Richland County center around Sidney. Sidney (population 5,200) is situated close to the Yellowstone River near the North Dakota border. In the late 1970s and early 1980s, the area experienced an economic upturn due to oil and gas exploration and development. Other industrial sources in the Sidney area include Montana Dakota Utilities (coal-fired power plant) and Holly Sugar (sugar beet processing facility).

In 1983, the Department installed a Hi-vol sampler in downtown Sidney (30-083-0010). This site operated until September 1987. At that time the PM_{10} standard had been promulgated by EPA and the Department felt that its resources were better applied to PM_{10} problems in the western valleys.

2.6.4.2 ROSEBUD COUNTY

The air quality concern for particulate in Rosebud County centers around the cities of Colstrip and Ashland. In the vicinity of Colstrip there are five coal-fired power generating plants and two large coal mines. Montana Power Company (MPC), Western Energy, Colstrip Energy Limited Partnership (CELP) and Big Sky Mine have operated particulate sampling networks around their facilities as conditions of their permits. In Ashland, there have been recent concerns due to area sources including wood and coal burning stoves.

The Department requested Montana Power (in Colstrip) to install and operate a PM_{10} site at their MPC #3 site (30-087-0700). Two samplers (reporting and co-located) were installed in December 1989 and the data was submitted to the Department. The TSP samplers at MPC sites #1 & #2 (30-087-0701 and -0702, respectively) were replaced with PM_{10} samplers in July 1992. At that time the Department required MPC to operate the PM_{10} samplers at all sites on an every third day sampling schedule. In July 1994, MPC requested that the Department review their

Colstrip PM_{10} network. As a result of that review changes were allowed starting on July 1, 1995. The PM_{10} sampling frequency at site #1 was reduced to once every sixth day and the PM_{10} sampling at site #2 was terminated.

2.6.5 AQCR 144 - NORTHWESTERN MONTANA

This part of Montana is very mountainous and heavily forested. The valleys of northwestern Montana have the poorest atmospheric dispersion in the State, and high particulate concentrations historically have been a problem in this area. Two areas were originally designated non-attainment areas for TSP and now AQCR 144 has eight PM_{10} non-attainment areas. The Department has devoted considerable time and resources to solving the particulate problem in northwest Montana.

2.6.5.1 FLATHEAD COUNTY

The particulate problems in Flathead County center around the communities in the greater Flathead Valley. These communities include Kalispell, Columbia Falls, and Whitefish.

Kalispell has a population of approximately 20,000-24,000 persons (metropolitan area) and the majority of the 70,000 county residents live within a 15 mile radius of the city. Kalispell serves as a business, service and shopping center for the greater Flathead Valley. The Flathead Valley is located west of the Continental Divide and is a fairly wide valley (14 miles across). The climate is mild with calm or low wind speeds and the area is susceptible to temperature inversions in the fall and winter.

Particulate monitoring has been conducted in Kalispell since 1971. From 1977 to 1982, Kalispell was one of the communities involved with the Flathead River Basin Environmental Impact Statement (EIS). Monitoring was conducted at several locations in the basin and it was determined that most of the high concentration sites were associated with anthropogenic sources in the city centers.

The current Kalispell site is at the old Universal Athletics location (30-029-1015) in the downtown area within one block of U.S. Highway 93. A TSP sampler operated at this site from 1980 until 1987. In 1985, the Department installed a PM_{10} sampler at this site and ran it concurrent with the TSP sampler. Anticipating promulgation of new PM_{10} NAAQS, the Department initiated a source apportionment study in Kalispell in 1986 and 1987.

The source apportionment study identified re-entrained road dust as the predominant source followed by residential wood combustion. A PM_{10} SIP for Kalispell was developed and submitted to EPA on June 29, 1990. The final SIP (November 1991) consisted of controls on fugitive dust emissions from roads, parking lots, construction, and demolition.

The Department will continue PM_{10} monitoring at the Universal Athletics site to document maintenance and attainment of the standard. The Department considers the Universal Athletics site to be located at the maximum concentration area in Kalispell.

Visibility data was collected using a nephelometer at the Courthouse East site (30-029-1017) in Kalispell from January 1991 to March 1993. The nephelometer was used to estimate particulate levels for the voluntary winter-time wood burning curtailment program. The nephelometer was replaced with a TEOM in October 1993. The TEOM and a SA-1200 were both installed in an adjacent building, East Maintenance Building (30-029-1018). The SA-1200 was collocated with the TEOM for data comparison. Year around data from the TEOM has been stored in AIRS since start-up. In 1995, this site was shut down and the TEOM moved to the Kalispell Universal Athletics (30-029-1015) PM_{10} non-attainment site. The TEOM is the primary SLAMS PM_{10} compliance monitor for this site. On June 27, 1995, EPA approved the Department's request to replace manual PM_{10} samplers at selected sites with TEOMs. The sampling frequency for the associated manual sampler at Kalispell Universal Athletics is 1-in-6 for the second and third quarters and 1-in-3 for the first and fourth quarters.

A new PM_{10} site was developed northeast of Kalispell along U.S. Highway 2 at the Evergreen Fire Station (30-029-0043). A Plum Creek sawmill and plywood plant is located 0.5 mile west of the site. This site started operation in June 1994 and has produced some mid-range PM_{10} concentration values. An additional sampler was added to this site in August 1995. This allowed the Department to increase the sampling frequency to 1-in-2 during the winter months.

Columbia Falls is an industrial town of about 3,000 people located in the northeast corner of the Flathead Valley. In the vicinity of Columbia Falls are a plywood-particle board-sawmill complex, an aluminum reduction plant and two other sawmills. Wind patterns in the area are dominated by drainage winds through Badrock Canyon to the east and through a gap north of town which drains the North Fork of the Flathead River. The area is susceptible to temperature inversions in the fall and winter months.

Particulate monitoring has been conducted in Columbia Falls since 1971. Initial sampling was performed using standard Hi-vol TSP samplers. The two principal sites were the Anders Residence (30-029-0005) and the Junior High School (30-029-0003).

In May 1985, the Department installed a PM_{10} sampler at the Junior High School, a site that had seen high TSP concentrations in the early 1970s. In October 1985, the Department also installed a TSP sampler at the same site. After two years of collecting TSP data at the Junior High School site, the Department compared Junior High School was Anders and determined that they were measuring the same air mass. As a result, the Department decided to shut down the Anders site and rely solely on the Junior High School site.

In October 1987, the 24-hour PM_{10} standard was exceeded resulting in the area being designated a non-attainment area. During the quarter following the exceedance, the Department commenced daily sampling. From September 1989 until April 1990, the Department conducted a source apportionment study in Columbia Falls. The results from this study indicated that fugitive dust was the major contributor to the PM_{10} problem. A SIP was developed and submitted to the EPA in November 1991. The SIP consisted of controls on fugitive dust emissions from roads, parking lots, construction, and demolition, as well as from the Plum Creek facility.

The Department continues to operate PM_{10} samplers at the Junior High School site. Ambient PM_{10} data from 1988 through present has shown no violations of either the annual or short-term PM_{10} standards. The Department will continue to operate the PM_{10} site at its present location and will use it for attainment and maintenance demonstration of the PM_{10} standard. The sampling frequency for the fourth and first quarters is 1-in-3 and for the second and third quarters is 1-in-6 at the Columbia Falls Junior High site.

Whitefish is a city of approximately 4,400 people located in the northwest corner of the Flathead Valley. Whitefish is not a major commercial or industrial center, but a year around tourist destination. The area is susceptible to temperature inversions in the fall and winter months.

As part of the Flathead River Basin EIS, the Department measured TSP in Whitefish from 1981 to 1983. The data showed that the area was in compliance with the TSP NAAQS. However, the Department believed that the site was not located in the maximum concentration area. As a result of the 1990 Network Review, the Department installed a PM_{10} site

located in the central business district of Whitefish at Markus Foods (30-029-0039). Since sampling began in April 1991 numerous PM_{10} exceedances have been recorded at the Markus Foods site. An exceedance was recorded at Markus Foods on March 24, 1997 (178 $\mu g/m^3$). Whitefish was officially designated as a non-attainment area in October 1993.

A source apportionment study (CMB) was conducted in Whitefish from January 1, 1993, through March 31, 1994. The CMB study samplers were located across the alley almost directly east of Markus Foods and a background site consisting of a single SA1200 sampler was established approximately 1.5 miles east of Whitefish (Patterson Corral, 30-029-0041). The CMB study showed re-entrained road dust as the largest source of particulate.

To confirm the Markus Foods site as the maximum concentration PM_{10} site, a PM_{10} saturation study was done during February, March, and April of 1993. Eleven sites, most of which were located in areas with potentially high PM_{10} levels, were chosen and portable saturation samplers were deployed. The results of the study revealed that elevated PM_{10} levels occured in the general downtown area and on south U.S. Highway 93, with no statistical difference between the two areas. As a result of this study, the Department intends to maintain Markus Foods as the maximum concentration site and there are no plans for additional sites in Whitefish. A TEOM was placed at the Markus Foods site in August 1995. The sampling frequency for the associated PM_{10} manual sampler is 1-in-6 for the second and third quarters and 1-in-3 for the first and fourth quarters.

The Department has proposed to develop a "background" site for the Flathead Valley away from large population centers at or near the Glacier International Airport (a relatively central location between Kalispell, Whitefish, and Columbia Falls). Since all PM_{10} sites in the Flathead Valley are located near areas with high particulate concentrations, it would be advantageous to develop a site to measure PM_{10} in a less developed part of the valley for comparison. This site may be developed in 1998 with cooperation of the Flathead County Health Department (FCHD).

2.6.5.2 LINCOLN COUNTY

The particulate problems in Lincoln County center around the communities of Libby, Eureka and Troy.

Libby is a small town with a population of approximately 2,500. It is located along the Kootenai River in northwestern Montana. The Kootenai

Valley runs approximately east to west in Libby and is only about 2 miles wide. The Libby area may have the worst ventilation of any community in Montana. During the fall and winter months, the winds are almost always calm or very light. The light winds with the persistent temperature inversions contibute to the significant accumulation of particulate in the narrow valley.

Particulate monitoring has been conducted in Libby since the mid-1970s. The principal TSP sites were the Brown Residence (30-053-0010) and the Lincoln County Courthouse (30-053-0012).

In May 1985, the Department installed a PM_{10} sampler at the Courthouse site; and in August 1985, the Department discontinued the TSP sampler at the Brown Residence. Data analysis revealed that Hi-vol TSP samplers at the Lincoln County Courthouse and the Brown Residence sites were measuring the same airshed.

From October 1987 until December 1988, the Department conducted a CMB source apportionment study in Libby. The results of the study showed that re-entrained road dust and residential wood combustion were the principal particulate sources.

A SIP was submitted to EPA for Libby on November 25, 1991, and upon review, the EPA requested that the Department commit to several revisions in order for the SIP to be considered for approval. These revisions were submitted to the EPA on May 24, 1993, and the SIP was approved by EPA on October 31, 1994.

Visibility data was collected using a nephelometer at the County Courthouse Annex site (30-053-0018) in Libby from December 1986 to October 1993. The nephelometer was operated by the Lincoln County Health Department and used to call alerts for their mandatory winter-time wood burning curtailment program.

The Department replaced the nephelometer with a continuous PM_{10} TEOM monitor at the Lincoln County Annex site (30-053-0018), which is one block east of the Courthouse site. The TEOM began operating in October 1993 and was used for the Libby RWC curtailment program, the Montana Smoke Management program, and to correlate data with the PM_{10} samplers at the Courthouse. On April 1, 1995, the Courthouse site was shut down. The TEOM has become Libby's primary SLAMS PM_{10} compliance monitor. One of the manual samplers from the Courthouse site was moved to the Annex site to be used for back-up purposes.

Eureka is a small town in northwestern Montana with a population of approximately 1,100. The town is situated in rolling hills along the Tobacco River approximately five miles upstream from Lake Koocanusa. Particulate monitoring for TSP started in 1984. Twenty-four hour concentrations exceeded the short-term TSP NAAQS on a few occasions. In 1987, the Department replaced the TSP sampler with a PM_{10} sampler and sampling continued through June 1992. Since PM_{10} levels were low, sampling was discontinued.

Troy is a small town 18 miles west of Libby with a population of approximately 1,000. The town is situated along the Kootenai River Valley and like Libby has some of the worst ventilation in the State. In October 1991, the Department installed two samplers at the high school (30-053-0019) in the northwestern part of town. Readings were consistently low for the three years the site was operated. The site was shut down June 30, 1995.

2.6.5.3 MISSOULA COUNTY

Particulate problems in Missoula County center around the city of Missoula. Missoula is situated at the confluence of the Bitterroot and Clark Fork Rivers in western Montana. The city proper has a population of approximately 45,000, but the Missoula Valley contains approximately 75,000. The Missoula Valley is fairly narrow, approximately 6 miles across. The valley is susceptible to temperature inversions in the fall and winter months and wind speeds are normally low throughout the year.

Particulate monitoring in Missoula has been conducted since 1971 at several sites in the Missoula Valley. During the early and mid 1970s, the highest concentrations were measured in the downtown area at the Courthouse Roof site (30-063-0001). In 1977, after the passage of the Clean Air Act Amendments, Missoula was designated non-attainment for the primary TSP standards based on data from this site. As part of the SIP to control TSP, the city of Missoula incorporated a systematic program of street sweeping and flushing to show attainment by 1982. Although not part of the plan, Missoula implemented several control measures directed at emissions from residential wood combustion. The control measures brought the area into compliance with the annual NAAQS but occasionally the 24-hour standard was exceeded.

Over the years, the air monitoring network in Missoula has been quite extensive and comprehensive. The Missoula City-County Health Department (MCCHD) has monitored for particulate at several locations.

In addition, the MCCHD has operated sites in Bonner (near a major sawmill/plywood factory), in Lolo (at the waste water treatment plant), near Frenchtown (by a kraft pulp mill), East Missoula, the Rattlesnake area, southwest Missoula near the south hills and on the western edge of the city. In 1984, MCCHD also started collecting PM_{10} data at two of their sites (Rose Park and Boyd Park) in addition to TSP data. The maximum PM_{10} concentration recorded in 1984 was 257 $\mu g/m^3$ at Rose Park.

During the fourth calendar quarter of 1986 and the first quarter of 1987, the MCCHD conducted a PM_{10} source apportionment study. The study showed that the major sources contributing to the PM_{10} problem were re-entrained road dust and residential wood combustion.

Missoula's PM_{10} SIP was submitted to EPA on January 18, 1994 and approved on June 4, 1992. The emission inventories developed in the SIP showed that the highest concentration grids are in south Missoula (where the Boyd Park site is located) and in downtown Missoula (where the Health Department site is located). The Department and the MCCHD will continue to operate these two sites to track compliance with the NAAQS.

Continuous PM_{10} data has been collected in Missoula since 1987 using a continuous PM_{10} monitor (Beta attenuation type and TEOM) at the Boyd Park site (30-063-0024). The continuous PM_{10} data has been submitted to AIRS since 1992. Missoula personnel use the continuous PM_{10} data and forecast information from the National Weather Service to make predictions for their mandatory winter-time residential wood burning curtailment program. A TEOM was installed by the Department in October 1994 to replace the earlier model continuous PM_{10} monitor. The TEOM data has been stored in AIRS since start-up. In 1995, the TEOM became the site's primary compliance and SLAMS monitor. One manual sampler remains at the site with a sampling frequency of 1-in-6.

MCCHD operates two PM_{10} sites in cooperation with Stone Container near their Frenchtown kraft pulp mill. These sites were operated as TSP sites until May 18, 1992, when the samplers were switched to PM_{10} samplers.

The Department installed a PM_{10} monitor in Lolo (Lolo Lube Center #30-063-0035) which began valid data collection on August 4, 1997.

2.6.5.4 RAVALLI COUNTY

Particulate concerns in Ravalli County center around the city of Hamilton. Hamilton is a small (population 2,800), but rapidly growing community situated in the center of the Bitterroot Valley. Hamilton is about 50 miles south of Missoula and about 300 feet higher in elevation. Hamilton often experiences better wintertime ventilation than nearby Missoula. There are times, however, when temperature inversions in Hamilton can trap pollutants and cause elevated levels.

In 1983, the Department began TSP sampling at the Ravalli County Courthouse (30-081-0001) in the city center. Sampling was initiated due to citizen complaints about dust and wood stove emissions. In 1986, the Department installed a PM_{10} sampler at the same location and continued to collect TSP and PM_{10} data until 1987.

On July 31, 1987, the EPA promulgated new standards for PM_{10}. Due to the low concentrations recorded at the Hamilton site, the Department discontinued both TSP and PM_{10} monitoring during the fall of 1987.

Due to the growing population and renewed citizen concerns, the Department reopened the Ravalli County Courthouse PM_{10} site (30-081-0001) in June 1994. A second site, MT Gold Realty (30-081-0002) was installed two blocks away adjacent to U.S. Highway 93 and began operation in July 1994. The MT Gold site has measured produced PM_{10} values higher than the Courthouse site. Neither site has measured PM_{10} concentrations that exceeded the NAAQS. The Department terminated the Courthouse site on July 31, 1997 due to low PM_{10} concentrations.

The Bitterroot National Forest voluntarily started two new PM_{10} sites in the Bitterroot Valley to measure forest related burn activities on the valley's air quality. One site is located at the Stevensville-Ranger Station (30-081-0003) approximately 30 miles south of Missoula. This site supports one SA-1200 and one TEOM. Low PM_{10} values have been consistently reported since the site started in July 1994. The other site is located at the West Fork Ranger Station (30-081-0004) along the West Fork of the Bitterroot River south of Darby and about 20 miles south of Hamilton. This site has produced extremely low PM_{10} values since startup in July 1994. The Department may use data from this site for PM_{10} background information in southwestern Montana.

2.6.5.5 SANDERS COUNTY

Particulate concerns in Sanders County center around the city of Thompson Falls. Thompson Falls is a small town with a population of approximately 1,300 persons. It lies on the north side of the Thompson Falls Reservoir, a small impoundment on the Clark Fork River. The Clark Fork Valley around Thompson Falls runs east and west and mountains rise to 7000 feet both to the north and south of Thompson Falls. Like other western Montana valleys, the area experiences severe temperature inversions during the fall and winter months.

The Department conducted limited TSP monitoring in the early 1970s and again in 1978. It was not until 1983 that the Department established a permanent TSP site at the Sanders County Courthouse (30-089-0003). Readings collected during the first few years showed levels exceeding the NAAQS for TSP. In 1985, the Department installed a PM_{10} sampler at the same location. The PM_{10} data from 1985 to 1987 was limited, but did record concentrations approaching the proposed NAAQS for PM_{10}.

In February 1988, the Sanders County Courthouse site recorded a PM_{10} concentration in excess of the 24-hour PM_{10} standard. This exceedance required the State to conduct daily sampling and to develop a SIP with control strategies to bring the area into compliance. The Department initiated daily sampling in July 1988 which continued until July 1, 1992. The site currently runs on a 1-in-6 and a 1-in-2 frequency during the 2nd/3rd and 1st/4th quarters, respectively.

The Department conducted a source apportionment study in Thompson Falls from October 1990 until April 1991. The CMB monitors were installed at the Railroad site (30-089-0005), across Main Street from the Courthouse site. In addition, the Department installed a background PM_{10} sampler in an open field at the Muster Ranch (30-089-0006), a few miles north of Thompson Falls. It was determined that re-entrained road dust was the major contributing source of PM_{10} emissions. Minor sources were shown to be wood combustion and the WI Forest Products boilers. A control plan was developed and submitted to the Board of Environmental Review in June 1997. The control strategy involved more frequent street sweeping.

2.7 METEOROLOGICAL MONITORING

2.7.1 AQCR 140 - SOUTH CENTRAL MONTANA

AQCR 140 is located in south central Montana and includes physical features common to all of the other AQCRs in the State. The Yellowstone and Musselshell Rivers cut through the region from west to east and the Missouri River forms the northern border. The Highwood, Big Belt, Crazy, and Absoroka Mountains border the region to the west. The southern border of the region includes the Beartooth, Pryor, and Big Horn Mountains. To the east the boundary cuts through rolling plains and foothills and includes the lower portion of the Musselshell River.

Due to the diverse nature of the terrain and climate in this region, dispersion characteristics are variable. Mountainous terrain can provide shelter from prevailing winds and severely limit dispersion of pollutants in one area while funneling high winds into another to greatly enhance pollutant dispersion. Temperature inversions which trap pollutants are common in this region throughout the year, but the depth, duration, and intensity varies widely from the mountains to the plains. Inversions on the plains seldom persist past noon and are usually shallow and weak. Inversions in the mountainous areas are usually much stronger and deeper, and can persist for several days during the fall and winter. Low level wind speed and direction patterns in the mountains are affected by terrain and generalizations or comparisons to any existing measurements at other sites are not practical. Wind patterns on the flatter portion of the region can be evaluated by comparison to existing sites and generally show the prevailing winds to be from the west and southwest.

2.7.1.1 YELLOWSTONE COUNTY

Meteorological monitoring in Yellowstone County consists of two sites operated by the Department, one site operated by the Yellowstone County Air Pollution Control (YCAPC), two sites operated by Yellowstone Generation Inc. (YGI), three sites operated by a group of Billings/Laurel industries (BLAQTC), and one site at Billings Senior High School.

As stated previously, Billings and Laurel are situated along the Yellowstone River Valley in south central Montana. The Yellowstone River Valley runs from southwest to northeast and is a predominant topographical influence on the airflow in the area. In Billings, there are cliffs or rimrocks located both north and south of the river which also tend to cause channeling. The distance between the north and south rims ranges from about one to five miles. In Laurel, the valley tends to be a little wider and the predominant high terrain is not close by. The cities of Billings and Laurel and all of the industrial sources are located along the river valley. Nearby terrain is often higher than the highest smoke stacks.

The Department operates a 10 meter meteorological tower at Coburn Road (30-111-0066). Temperature data (two meter probe height) is also collected at the site. The Coburn Road site is situated about 300 feet above the valley floor on the south rims. The wind data is used to determine which source or sources contributed to the SO_2 readings at the site. The wind data was also used in connection with the area-wide SO_2 dispersion modeling study.

The Department also operates met sensors at its site at Sacrifice Cliff (30-111-0080). This site is located on a six foot tripod on top of the sampling shelter. Because of the inability to comply with siting requirements (too close to Sacrifice Cliff) and the proximity to the Coburn Road site, the Department decided not to install and a 10 meter tower at this site. However, like Coburn Road, the wind data is used to determine which source or sources contributed to SO_2 readings at the site.

The YCAPC operates a met sensor at the Bridal Shop CO site (30-111-0082). The met sensor is on a six foot tripod on top of the monitoring shelter. The site does not meet siting criteria for probe height, but the met data is used for reviewing the meteorological conditions contributing to high CO readings.

BLAQTC operates meteorological systems at its three SO_2 sites in Billings and Laurel. These sites are Lockwood Park (30-111-1065), Laurel Farm (30-111-0016), and Brickyard Lane (30-111-2005). All meteorological equipment is located on 10 meter towers. Analog signals are recorded on chart with the digital signal stored on magnetic disk. The wind data is used to determine which source or sources contributed to SO_2 readings at the site. The wind data was used in the area wide SO_2 dispersion modeling study.

YGI operates meteorological systems at both of its SO_2 sites in Billings. These sites are Johnson Lane (30-111-2006) and Pine Hills (30-111-2007). All meteorological equipment is located on 10 meter towers. Analog signals are recorded on chart with the digital signal stored on magnetic disk. The wind data is used to determine which source or sources contributed to SO_2 readings at the site.

2.7.2 AQCR 141 - CENTRAL MONTANA

AQCR 141, located in north central Montana, is a region of rolling glaciated plains. The Milk, Marias, Teton and Missouri Rivers cut across the region from the west to east creating substantial river valleys that are hundreds of feet lower

than the upland bench areas. Relatively small, isolated mountain ranges, the Highwood, Bear Paw, and Little Rocky Mountains, rise up from the plains in the eastern half of the region. The western boundary of the region is formed by the Continental Divide and includes most of the area known as the Rocky Mountain Front. The foothills of the Big and Little Belt Mountains form the southern boundary along with the Missouri River. The eastern boundary cuts across the plains north of the Little Rocky Mountains to the Canadian border which is the northern boundary of the region.

With the exception of the isolated mountainous areas most of the region experiences a similar climatological regime with warm dry summers and cold dry winters interrupted by occasional chinooks. Dispersion potential in the region is generally excellent due to persistent and often very strong winds. Temperature inversions in the area, though frequent, are usually shallow and seldom last past noon. The exceptions to this rule are found in the mountainous areas and occasionally in the river valleys. During the winter it is possible to have a warm wind blowing along a bench while cold air remains trapped in the bottom of a valley only a few miles away. Persistent inversions have also been noted in the narrow valleys of the Little Rocky Mountains. The wind flow over the region is generally from the west or southwest unless cold northerly winds are sweeping down from the arctic. Precipitation amounts are uniformly low over the entire region.

2.7.2.1 CASCADE COUNTY

Meteorological monitoring in Cascade County consists of the Wire Mill Road site (30-013-2000) located east of the Montana Refining facility in Great Falls. The Wire Mill Road site met sensors are on a 10 meter tower. The wind data analog signal is digitized and stored on magnetic media. The met data is used to review the meteorological conditions contributing to high SO_2 readings.

Meteorological monitoring was conducted at the Skyway Conoco site (30-013-1025) from 1989 to 1995. The Skyway Conoco site met monitoring was discontinued October 20, 1995 due to the placement of a large sign near the site which affected air flow.

2.7.3 AQCR 142 - SOUTHWESTERN MONTANA

AQCR 142 is located in the southwestern corner of Montana. The region contains several distinct mountain ranges separated by wide valleys. The valleys run north and south and can be thousands of feet lower than the surrounding mountains.

Tributaries for the Missouri, Yellowstone and Clark Fork Rivers have their headwaters in this area.

The mountainous terrain in the region substantially impacts the weather patterns. Precipitation is often limited to the higher mountains while the valleys remain much drier. Winds along the mountain tops are generally westerly and frequently will not reach down into the north-south running valleys. Inversions are frequent and during the fall and winter can persist for days at a time. Occasional severe inversions can be several thousands of feet deep and very strong allowing almost no dispersion of pollutants. This allows even small emission sources to produce localized areas of poor air quality.

2.7.3.1 LEWIS & CLARK COUNTY

Meteorological monitoring in Lewis & Clark County is conducted at six sites operated by ASARCO in East Helena. ASARCO's original met sites in East Helena were located at the Firehall (30-049-0714), Old Railroad (30-049-0726), Kennedy Park (30-049-0703), and Zinc Stack (30-049-0721). Meteorological sensors on the zinc stack were located at mid-stack level and at stack top. All other meteorological sites were located at 10 meter towers (except Firehall which was at 12 meters) and conform to EPA siting criteria. All four meteorological sites began generation on December 1, 1989. Data collected from these sites was used in connection with the East Helena Lead and SO_2 SIPs. The meteorological data was used as input to dispersion models to assess impacts from the smelter and to address control strategies. As part of the SO_2 SIP revisions ASARCO added two new met sites which utilized 10 meter towers and met all siting requirements. Data collection at the Top of Microwave (30-043-0909) and the McClellan Creek Road #5 (30-043-0912) sites started on April 1, 1993. Met data collection was terminated June 30, 1997 at Kennedy Park, Firehall, Top of Microwave, McClellan Creek #5, and Zinc Stack.

Digital signals from met sensors are directly written to magnetic storage media. No chart recorders are used with these monitors. The company uses QA procedures which allow for proper data collection.

2.7.4 AQCR 143 - EASTERN MONTANA

AQCR 143 composes the eastern third of Montana. Rolling glaciated plains cover the northern half of the region while rolling sedimentary plains cover the southern half. The Missouri River cuts from west to east in a deep valley in the glaciated northern half of the region while the Yellowstone River travels to the northeast in a wide but shallow valley through the southern half. The terrain is often quite

rough but generally does not produce noticeable terrain effects on the meteorology and climatology of this region.

The weather is typical of the northern Great Plains with hot dry summers and cold dry winters. Chinooks occur but are not as frequent as they are in AQCR 141. Precipitation totals are generally low throughout the region with thunderstorms producing a significant amount of the total precipitation. The wind patterns can be characterized by existing off-site measurements and are usually westerly. Dispersion in this region is excellent as a rule. Shallow and short-lived inversions are frequent especially in the southern part of the region.

2.7.4.1 ROSEBUD COUNTY

Meteorological monitoring in Rosebud County centers around Montana Power Company's coal-fired power plants in Colstrip. MPC operates two meteorological sites. These are at MPC #1 (30-087-0701) and MPC #2 (30-087-0702). Meteorological monitoring was discontinued at MPC #3 (30-087-0700) on June 30, 1992. MPC sites #1 and #2 are located adjacent to MPC's SO_2 and NO_2 continuous monitoring sites. The data is used to review meteorological conditions that may contribute to elevated readings.

2.7.5 AQCR 144 - NORTHWESTERN MONTANA

AQCR 144 composes the northwestern corner of Montana, entirely west of the Continental Divide. The terrain here is uniformly mountainous as is AQCR 142, but the valleys are generally narrower and lower than the valleys of AQCR 142. The mountain ranges and valleys also run from the north to the south with the mountaintops thousands of feet higher than the valley floors. The area is drained by the Clark Fork and Kootenai Rivers, and includes all of the Flathead and Bitterroot drainage.

The strong Pacific influence and mountainous terrain in the region substantially impact the weather. Precipitation amounts are the highest in the State and the winters are also warmer and wetter. Winds along the mountaintops are generally westerly and frequently will not reach down into the north-south valleys. Inversions are frequent, and during the fall and winter can persist for many days. Warm Pacific air frequently overrides colder air trapped in the valleys producing severe inversions several thousands of feet deep causing poor pollutant dispersion. This allows small emission sources to produce localized areas of poor air quality because dispersion potential in this region is the lowest in the State.

2.7.5.1 MISSOULA COUNTY

Meteorological monitoring in Missoula was conducted at the Missoula City-County Health Department's CO site at Malfunction Junction (30-063-0005). The meteorological sensors were on a six foot tripod on top of the monitoring shelter.

Due to the multiple use conditions at the fairgrounds (where the site was located) and safety reasons, it was impossible to install and guy a 10 meter tower at this site. The Department and Missoula County decided that met data collection would be stopped on April 1, 1993, since the data collected with the tripod could not be used for dispersion modeling purposes. The absence of met data at the Malfunction Junction site is not a serious problem since nearly all of the CO NAAQS exceedances in Missoula have occurred under stagnant air conditions.

As part of the H_2S and NOx monitoring network at Stone Container met data is collected at the Moccasin Lane site, Stone Container #1A (30-063-0034). The meteorological site utilizes a 10 meter tower and meets all EPA siting requirements.

2.7.5.2 FLATHEAD COUNTY

Meteorological monitoring in Kalispell is conducted at the Idaho and Main CO site (30-029-0045). The meteorological sensors are on a six foot tripod on top of the monitoring shelter. Data collection began April 24, 1996. Meteorological monitoring is being conducted to provide local met data for use in future dispersion modeling.

3.0 NETWORK MODIFICATIONS

As stated in the introduction, the Department must conduct a review (1) to determine if the system (monitoring network) meets the monitoring objectives defined in Appendix D of CFR Part 58, and (2) to identify needed modifications of the network, such as the termination or relocation of unnecessary stations or the establishment of new stations which are necessary.

The Department is also required to develop and implement an annual schedule modifying the network in order to eliminate any unnecessary stations or to correct any inadequacies indicated by the results of the annual review. The Department must consult with the Regional EPA Administrator during the development of the schedule to modify the monitoring program. The final schedule and modifications are subject to the approval of the Regional Administrator.

The regional office of the EPA (Region VIII) established a form and a procedure for documenting and requesting modifications to the network. This form is known as the Network Modification Request Form. The State is required to submit this form in advance requesting EPA approval of any proposed network modification.

Proposed (and accomplished) network modifications for FY98 are listed in Table 6. Network modifications proposed for FY99 are listed in Table 7.

4.0 AIR MONITORING EQUIPMENT STATUS

The Department operates various equipment to measure pollutants and meteorological parameters at monitoring sites across Montana. The Department also uses shelters, calibrators and various other equipment and devices in support of that monitoring. As the equipment becomes old, it often needs to be upgraded or replaced. When the Department adds sites to its network, new equipment must be purchased. Each year the Department budgets money to purchase new and replacement equipment.

During FY98, the Department purchased several pieces of equipment. These are listed in Table 3. In FY98, the Department spent a total of $132,380 on major air monitoring equipment purchases. This included $52,020 for replacement items and $80,360 for new equipment.

In FY99 the Department intends to spend approximately $136,080 for new or replacement equipment (dependant on funding). Table 4 contains a list of the proposed purchases.

Table 5 is a list of air monitoring equipment that is currently used at state and county operated sites, or will be used at proposed sites. The table also includes equipment used or needed for special projects. The table lists equipment, manufacturer, model, acquisition date, condition and replacement costs at each site. As requested by EPA, an equipment replacement plan is provided in the table.

The Department remains committed to upgrading its system, maintaining a high level of equipment dependability, and achieving a high level of data quality and data quantity (percent data recovery), by using the best available equipment.

5.0 SUMMARY

5.1 CURRENT NETWORK SUMMARY

Each year the Department is required to develop and implement an annual schedule modifying its air monitoring network in order to eliminate any unnecessary stations or to correct any inadequacies indicated by the results of the annual review. The Department must consult with the Regional Administrator of EPA during the development of the schedule to modify the monitoring program. The final schedule and modifications are subject to the approval of the Regional Administrator.

During 1998, the Department and county agencies operated 33 air monitoring stations. Some of the stations collected multiple parameters. There were 20 PM_{10} sites, 7 CO sites, 2 SO_2 sites, 4 TSP/lead sites, and 5 meteorological monitoring sites.

Table 1 lists the current air monitoring stations operated by State and county governments with a short historical narrative. In both Tables 1 and 2 the new proposed sites are underlined. Table 2 provides a "short list" of the current air monitoring stations operated by State and county governments. There are also several sites in Table 2 that are operated by companies. Company monitors listed in this report are mostly those required by Prevention of Significant Deterioration (PSD) permits or needed to assess ambient levels in or near federally designated non-attainment areas.

5.1.1 NETWORK MODIFICATIONS FOR FY98

For FY98, the Department listed 35 goals or modifications of the network, in Table 6. A status statement is written below each of the goals. The Department implemented 16 of these goals. Of the completed items, the most numerous are site modifications for PM_{10} areas. Some proposed new sites were not installed due to funding, equipment, and personnel limitations.

5.1.2 NETWORK MODIFICATION GOALS FOR FY99

Table 7 lists the network modification goals for fiscal year 1999. The 5 items on this list detail the proposed modifications to the network.

This list contains some of the items not completed in FY98. Carryover items include installing a $PM_{2.5}$ site at Boyd Park and installing a SO_2 site on Lower Coburn Road.

The Department plans to upgrade or replace equipment at several of its monitoring stations. These proposed purchases are listed as goals in Table 5.

Additional purchases will be made through the year and equipment will be replaced as the State budget and EPA funding allows.

5.2 HISTORICAL MONITORING NETWORK SUMMARY

Appendix C contains a complete listing of all the official sites (i.e. data entry to AIRS) with the monitored parameters that have been established in Montana. The list includes industrial and government sites with the start-up and closing dates.

All of the data from the listed monitoring sites is available from the AIRS data base.

APPENDIX A: TABLES FOR NETWORK REVIEW

TABLE 1 MONTANA AMBIENT AIR MONITORING NETWORK - EXISTING AND PROPOSED - WITH LIST OF PARAMETERS AND MODIFICATION NARRATIVE

TABLE 2 MONTANA AMBIENT AIR MONITORING NETWORK - EXISTING AND PROPOSED - WITH LIST OF PARAMETERS (SHORT LIST)

TABLE 3 MONTANA EQUIPMENT PURCHASES FOR FY98

TABLE 4 MONTANA PLANNED PURCHASES FOR FY99

TABLE 5 MONITORING EQUIPMENT REPLACEMENT PLAN

TABLE 6 MONTANA NETWORK MODIFICATIONS FOR FY98

TABLE 7 MONTANA NETWORK MODIFICATION GOALS FOR FY99

TABLE 1

MONTANA AMBIENT AIR MONITORING NETWORK EXISTING AND PROPOSED WITH LIST OF PARAMETERS AND MODIFICATION

AIRS Number	Site Name/Address City/County	Parm	Year of Record	Station Type	Spatial Scale	Monitoring Objective*
	* H=high concentration, P=high population, S=source impact, B=background					
30-013-1025	Skyway Conoco Great Falls/Cascade	CO	89-98	SLAMS	Micro.	H,P,S
	Meteorological monitoring was discontinued in October 1995 because a large sign was erected a few feet from the site which interfered with air flow. There are no plans for a second CO site in Great Falls.					
30-029-0003	Col. Falls Jr. High Columbia Falls/ Flathead	PM_{10}	85-98	SLAMS	Neigh.	H,P
	The Junior High site supports three Wedding PM_{10} samplers that run 1-in-3 and 1-in-6 schedules during the 1st/4th quarters and 2nd/3rd quarters, respectively.					
30-029-0039	Markus Foods Whitefish/Flathead	PM_{10}	91-98	SLAMS	Neigh.	H,P
	The Markus Foods PM_{10} site, started on April 30, 1991, is located in the Whitefish central business district. Numerous exceedances have been measured at the site. Whitefish was officially designated a non-attainment area in October 1993.					
	The Markus Foods site supports two Sierra Anderson SA-321B samplers which operate on a 1-in-6 schedule for the second and third quarters, and 1-in-3 for the first and fourth quarters. In 1995 a TEOM was installed and linked to the DEQ via modem for data recovery and equipment monitoring.					
30-029-0043	Evergreen Fire Station Kalispell/Flathead	PM_{10}	94-98	SPM	Neigh.	H,P,S
	PM_{10} sampling started at the Evergreen site in June 1994. The site is located next to U.S. Highway 2 and supports two Sierra Anderson SA-1200 samplers. The sampling frequency is 1-in-3 during the 4th/1st quarters and 1-in-6 during the 2nd/3rd quarters.					

30-029-0045	**Idaho and Main Kalispell/Flathead**	**CO**	**95-98**	**SLAMS**	**Micro.**	**H,P**

This CO site is located near the intersection of U.S. Highway 93 and U.S. Highway 2 (Idaho Ave & Main St). Valid data collection began in October 1995. Two exceedances (8-hr NAAQS) were recorded in January 1996. A meteorological monitoring system was added to the site in April 1996.

30-029-0046	**Laser School Kalispell/Flathead**	**CO**	**96-98**	**SPM**	**Neigh.**	**P**

The CO site is located near the intersection of E. Washington and 6th Avenue EN. Valid data collection begin in November 1996. The site is neighborhood scale.

30-029-1015	**Universal Athletics Kalispell/Flathead**	**PM_{10}**	**85-98**	**SLAMS**	**Neigh.**	**H,P**

PM_{10} sampling began in April 1987 and has continued since. The UA site currently supports one Sierra Anderson SA-321B sampler which operates on a 1-in-6 schedule. A TEOM was installed in 1995. The TEOM is linked to the DEQ via modem for data recovery and equipment monitoring.

30-031-0002	**East Main City Bldg. Bozeman/Gallatin**	**PM_{10}**	**85-98**	**SLAMS**	**Neigh.**	**H,P**

PM_{10} sampling began in April 1987. The East Main site currently supports two Sierra Anderson SA-321B samplers which operate on a 1-in-2 and 1-in-6 schedule during the 1st/4th quarters and 2nd/3rd quarters, respectively. No changes are planned for this site in FY99.

30-031-0008	**Belgrade ConAgra Belgrade/Gallatin**	**PM_{10}**	**91-98**	**SLAMS**	**Neigh.**	**H,P**

This PM_{10} site was installed in an open field behind the Belgrade ConAgra elevators near residential areas and began operation in October 1991.

The site currently supports two Sierra Anderson SA-1200 samplers which operate on a 1-in-2 and 1-in-6 schedule during the 1st/4th and 2nd/3rd quarters, respectively. A colocated sampler was added to the site in 1997.

30-031-0012	**Firehole** **West Yellowstone/Gallatin**	**PM_{10}**	**95-98**	**SPM**	**Neigh.**	**H,P**

This PM_{10} site was started on 11/27/95 in a vacant lot near the intersection of Firehole Avenue and Dun Raven Street. This location is near the center of West Yellowstone. The site currently supports two Sierra Anderson SA-1200 samplers which operate on a 1-in-2 and 1-in-6 schedule during the 1st/4th and 2nd/3rd quarters, respectively. No changes are planned for this site in FY99.

30-043-0903	**Microwave** **Montana City/Jefferson**	**SO_2**	**74-98**	**SPM**	**Neigh.**	**H,S**

This is an older site where the state and ASARCO measured TSP, Pb, and SO_2 for several years. EPA approved this site as a SLAMS site in an undated letter (received 1-14-91). This site was operated as a background site for lead for the East Helena lead SIP. Since data needs were met and concentrations were low, the Department terminated TSP and Pb at this site on 6-30-91. ASARCO continues to collect SO_2 data at this site.

30-043-0911	**McClellan Creek Road#4** **Montana City/Jefferson**	**SO_2**	**93-98**	**SPM**	**Neigh.**	**H,S**

This site is operated by ASARCO. In 1992, dispersion modeling indicated that potentially high ambient SO_2 levels were occurring in the elevated terrain to the southwest of the smelter in Jefferson County. As a result the ambient SO_2 monitoring network was significantly revised in the spring of 1993 with this site added to the monitoring network. DEQ is proposing to terminate this site in FY98.

30-043-0913	**McClellan Creek Road#6** **Montana City/Jefferson**	**SO_2**	**93-98**	**SPM**	**Neigh.**	**H,S**

This site is operated by ASARCO. In 1992, dispersion modeling indicated that potentially high ambient SO_2 levels were occurring in the elevated terrain to the southwest of the smelter in Jefferson County. As a result the ambient SO_2 monitoring network was significantly revised in the spring of 1993 with this site added to the monitoring network.

30-049-0018	**Lincoln School** **Helena/Lewis & Clark**	**PM_{10}**	**91-98**	**SLAMS**	**Neigh.**	**H,P**

The Lincoln School site is operated by the Lewis & Clark County Health Department for their winter-time residential wood burning curtailment program.

The Lincoln School site currently supports one Sierra Anderson SA-321B sampler and a TEOM continuous PM_{10} monitor. The TEOM was installed in October 1993. The SA-321B sampler operates at a sample frequency of 1-in-6 year around.

30-049-0024	**Rossiter School** **Helena/Lewis & Clark**	**PM_{10}**	**96-98**	**SPM**	**Neigh.**	**P**

Thie site is in an area of the Helena Valley which is experiencing rapid population growth. The site began reporting valid data on 11/5/96.

30-049-0025	**Lincoln 1st Bank** **Lincoln/Lewis & Clark**	**PM_{10}**	**98**	**SPM**	**Neigh.**	**P**

Lincoln is typical of many western Montana small towns located in mountainous areas, it's in a deep, narrow valley with limited air dispersion and with little control over open or residential wood burning. The Lincoln area typically experiences numerous inversions and poor visibility during the winter months. Valid data collection started 9/1/97.

30-049-0702	**Water Tank** **East Helena/Lewis & Clark**	**SO_2**	**74-98**	**SPM**	**Neigh.**	**H,S**

This site is operated by ASARCO and is part of their network around their primary lead smelter. EPA approved this site as a special purpose monitor (SPM) in an undated letter (received 1-14-91). This site continues to operate.

30-049-0703	**Kennedy Park** **East Helena/Lewis & Clark**	**SO_2**	**74-98**	**SPM**	**Neigh.**	**H,S**

This site is operated by ASARCO and is part of their network around their primary lead smelter. EPA approved this site as a special purpose monitor (SPM) in an undated letter (received 1-14-91). This site continues to operate.

30-049-0714	**Firehall**	**TSP**	**81-98**	**SLAMS**	**Neigh.**	**H,P,S**
	East Helena/Lewis & Clark	**Pb**	**81-98**	**SLAMS**	**Neigh.**	**H.P,S**

The Firehall site currently supports two samplers run at a frequency of 1-in-2. This site recorded Pb concentrations exceeding the NAAQS numerous times and is currently the maximum Pb concentration site in East Helena. The Prickly Pear site (30-049-0727), which is two blocks to the east, is the modeled high concentration Pb site (after all SIP control measures are implemented). In addition to the current Pb analysis other metals (Copper, Arsenic, Cadmium, Chromium, Nickel, and Zinc) are measured from filters collected at this site starting 7/1/95.

30-049-0724	**Dartman Field**	**TSP**	**83-98**	**SLAMS**	**Neigh.**	**H,S**
	East Helena/Lewis & Clark	**Pb**	**83-98**	**SLAMS**	**Neigh.**	**H,S**

This site has been operated as a TSP/Pb site since 1983. There have been some exceedances of the Pb standard at this site, but overall Pb concentrations are lower than those measured at sites in downtown East Helena. The site has operated on a 1-in-6 schedule since 4/1/91 and will continue to operate at that frequency.

30-049-0726	**Old Railroad**	**TSP**	**89-98**	**SLAMS**	**Neigh.**	**H,S**
	East Helena/Lewis & Clark	**Pb**	**89-98**	**SLAMS**	**Neigh.**	**H,S**

This site is located to the east of the Asarco smelter. TSP and Pb monitoring began on 11/6/89. Because of an occasional high reading the Old Railroad site will continue to operate on a 1-in-6 sampling frequency.

30-049-0727	**Prickly Pear Creek**	**TSP**	**93-98**	**SLAMS**	**Neigh.**	**H,P,S**
	E. Helena/Lewis and	**Pb**	**93-98**	**SLAMS**	**Neigh.**	**H,P,S**
	Clark County					

This site is located at the modeled maximum Pb concentration which is directly north of the ASARCO smelter on the north side of Highway 12 next to Prickly Pear Creek. The site has collocated samplers which have shown lower Pb concentrations than the Firehall site (30-049-0714).

30-053-0018	**Courthouse Annex**	**PM_{10}**	**93-98**	**SLAMS**	**Neigh.**	**H,P**
	Libby/Lincoln					

A continuous PM_{10} sampler (TEOM) replaced the nephelometer at this site in October 1993. The continuous data from this unit has been reported to AIRS since start-up. The TEOM is used for the local mandatory residential wood burning curtailment program. The TEOM is modem linked to the DEQ for maintenance and monitoring purposes. The Lincoln County Environmental Health Department performs minor maintenance.

30-063-0005	**Malfunction Junction**	**CO**	**79-98**	**SLAMS**	**Neigh.**	**H,P,S**
	Missoula/Missoula					

A CO saturation study was conducted in December 1992. The results demonstrated that the Malfunction Junction site is the maximum CO site in Missoula. The site will collect data continuously to support a future redesignation request.

30-063-0016	**Stone #2** **Missoula/Missoula**	**PM_{10}**	**92-98**	**SPM**	**Neigh.**	S

This company PM_{10} sampler is operated jointly by Missoula County and Stone Container Corporation. PM_{10} sampling will continue in order to measure impacts from the Stone Container pulp mill.

30-063-0024	**Boyd Park** **Missoula/Missoula**	**PM_{10}**	**84-98**	**SLAMS**	**Neigh.**	**H,P**

The Boyd Park PM_{10} site operates on a 1-in-6 schedule. The three SA 321-B samplers (one collocated) will continue to collect data at this site for TEOM data analysis and comparison purposes.

A continuous PM_{10} monitor (TEOM) was installed and began operation in October 1994.

30-063-0031	**Health Dept. Roof** **Missoula/Missoula**	**PM_{10}**	**86-98**	**SLAMS**	**Neigh.**	**H,P**

PM_{10} sampling was initiated in September 1986. This site is in the downtown central business district and is considered a maximum concentration site for this part of Missoula. The site operates on a 1-in-6 sampling schedule year around.

30-063-0034	**Stone #1A**	**PM_{10}**	**92-98**	**SPM**	**Neigh.**	**S**
	Missoula/Missoula	**NO_2**	**88-92**	**SPM**	**Neigh.**	**H,S**

The PM_{10} sampler is operated jointly by Missoula County and Stone Container Corporation.

NO_2 was being monitored by the Stone Container Corporation as a condition of a permit to burn petroleum coke in their lime kilns. Due to low ambient concentrations and because only one kiln was converted the monitoring was discontinued on June 1, 1992. The NO_2 monitoring will resume if additional kilns are converted to coke.

30-063-0035	**Lolo Lube Center** **Lolo/Missoula**	**PM_{10}**	**98**	**SPM**	**Neigh.**	**P**

This site was installed because the previous data collected in Lolo was not at a maximum concentration site, and because of emissions from dirty streets and residential wood combustion, and poor ventilation. Valid data collection began 8/4/97.

30-081-0002	**Highway 93/State Hamilton/Ravalli**	**PM_{10}**	**94-98**	**SLAMS**	**Neigh.**	**P,H**

This site is located at a higher concentration area than the Courthouse site. The site is situated immediately off of Main Street which is also the main arterial through town. Monitoring started July 31, 1994.

30-081-0003	**Stevensville Ranger Sta. Stevensville/Ravalli**	**PM_{10}**	**94-98**	**SPM**	**Neigh.**	**P**

The site was started in July 1994 and is maintained and operated by the USFS. The site supports one SA-1200 sampler and one TEOM sampler. The Department provides technical support, analyses the filters and audits the samplers. The site has reported data to AIRS since start-up.

30-081-0004	**West Fork Ranger Sta. Darby/Ravalli**	**PM_{10}**	**94-98**	**SPM**	**Urban**	**B**

The site was started in July 1994 and is maintained and operated by the USFS. The site is located at the West Fork Ranger Station near Darby. The USFS-Bitterroot National Forest voluntarily developed this site for the purpose of monitoring prescribed burns and their impacts in the southern end of the Bitterroot Valley. The site supports one SA-1200 sampler. The Department provides technical support, processes the filters, and audits the samplers. The site has reported data to AIRS since start-up.

30-087-0700	**MPC #3**	**SO_2**	**82-98**	**SPM**	**Neigh.**	**H,P**
	Colstrip/Rosebud	**NO_2**	**82-98**	**SPM**	**Neigh.**	**H,S**
		PM_{10}	**89-98**	**SPM**	**Neigh.**	**H,P**

The site is operated by the Montana Power Company and is part of their network around their coal-fired power plants. This site is intended to monitor for PM_{10} in the Colstrip TSP secondary non-attainment area. The PM_{10} sampler was installed and began operation in December 1989. The sampling frequency is 1-in-3 all year.

30-087-0701	**MPC #1**	**PM_{10}**	**92-98**	**SPM**	**Neigh.**	**H,S**
	Colstrip/Rosebud	**SO_2**	**81-98**	**SPM**	**Neigh.**	**H,S**
		NO_2	**81-98**	**SPM**	**Neigh.**	**H,S**

The site is operated by the Montana Power Company and is part of their network around their coal-fired power plants. PM_{10} sampling began on July 2, 1992. The sampling frequency was reduced to 1-in-6 on 7/1/95.

30-087-0702	**MPC #2** **Colstrip/Rosebud**	**PM_{10}** **SO_2** **NO_2**	**92-95** **81-98** **81-98**	**SPM** **SPM** **SPM**	**Neigh.** **Neigh.** **Neigh.**	**H,S** **H,S** **H,S**

The site is operated by the Montana Power Company and is part of their network around their coal-fired power plants. PM_{10} sampling began on July 2, 1992 and ended on 6/30/95.

30-089-0003	**Sanders Co. Courthouse** **Thompson Falls/Sanders**	**PM_{10}**	**85-98**	**SLAMS**	**Neigh.**	**H,P**

PM_{10} sampling began at this non-attainment site in 1985 and has continued since. The site currently supports three Sierra Anderson SA-321B samplers running on a 1-in-2 and 1-in-6 schedule during the 1st/4th quarters and 2nd/3rd quarters, respectively.

30-093-0005	**Greeley School** **Butte/Silver Bow**	**PM_{10}**	**85-98**	**SLAMS**	**Neigh.**	**H,P,S**

The nephelometer, used for the mandatory residential wood burning curtailment program, was replaced with a continuous PM_{10} monitor (TEOM) with data reporting to AIRS begining on 10/1/93. Manual sampling at this site is on a 1-in-6 schedule year around. The colocated manual sampler at this site was moved to Belgrade ConAgra in 1997.

30-093-0053	**Storm Sewer** **Butte/Silver Bow**	**CO**	**98**	**SPM**	**Micro.**	**H,P**

A CO saturation study conducted in December 1995 indicated that the maximum CO concentration was near the intersection of Harrison Avenue and the Interstate. This site is located at Harrison Avenue and Dewey. Valid data reporting to AIRS began 11/7/97.

30-111-0016	**Laurel Farm** **Laurel/Yellowstone**	**SO_2**	**87-98**	**SPM**	**Neigh.**	**H,S**

This industry site has operated since December 1987. EPA approved the site on 5/14/90 as a special purpose monitor (SPM).

30-111-0066	**Coburn Road** **Billings/Yellowstone**	**SO_2**	**81-98**	**SLAMS**	**Neigh.**	**H,S**

This site has operated since 1981. EPA approved Coburn Road as a SLAMS site on 5/14/90. The Department upgraded the meteorological system on 11/14/90 by erecting a 10 meter meteorological tower.

30-111-0080	**Sacrifice Cliff Billings/Yellowstone**	**SO_2**		**93-98**	**SLAMS**	**Neigh.**	**H,S**

As a result of two dispersion modeling studies conducted in the Billings area in 1991 and 1992 the Department installed an SO_2 monitor at the modeled maximum SO_2 "hot-spot". The Sacrifice Cliff site was approved by EPA effective May 19, 1993 and started data collection at that time.

30-111-0081	**Norwest**	**CO**		**94-98**	**SLAMS**	**Micro.**	**H,P**
	Billings/Yellowstone	**PM_{10}**		**94-97**	**SLAMS**	**Micro.**	**H,P**

The Diamond Parking Lot site was moved to this location in April 1994. The Norwest site was approved by EPA and started data collection on April 25, 1994. PM_{10} sampling was terminated in 1997.

30-111-1065	**Lockwood Park**	**SO_2**	**PM_{10}**	**87-98**	**SPM**	**Neigh.**	**H,P,S**
	Billings/Yellowstone			**96-98**	**SPM**	**Neigh.**	**H,P**

This industry site has operated since December 1987. The site is located in the same area as the old Lockwood Park site (30-111-0065). The old site operated from 1981 until January 1987. EPA approved this site on 5/14/90. YCAPC PM_{10} monitoring started on 1/4/96. The sampling schedule is 1-in-3.

30-111-2005	**Brickyard Lane Billings/Yellowstone**	**SO_2**	**89-98**	**SPM**	**Neigh.**	**H,P,S**

This industry site has operated since 11/8/89. EPA approved the site on 5/14/90 as a special purpose monitor (SPM).

30-111-2006	**Johnson Lane Billings/Yellowstone**	**SO_2**	**93-98**	**SPM**	**Neigh.**	**H,P,S**

Dispersion modeling by YELP, required as part of the permitting process, indicated elevated SO_2 levels in the Lockwood area. The site is south of I-90 and east of the existing Lockwood Park site.

Data collection started on November 2, 1993, and EPA approved Johnson Lane as a special purpose monitor (SPM) site on March 7, 1994.

30-111-2007	**Pine Hills Billings/Yellowstone**	**SO_2**	**93-98**	**SPM**	**Neigh.**	**H,P,S**

Dispersion modeling by YELP, required as part of the permitting process, indicated elevated SO_2 levels in the Lockwood area. The Pine Hills site is east of the I-90/I-94 junction in the elevated terrain above the Pine Hill School. Data collection started on November 2, 1993, and EPA approved Pine Hills as a special purpose monitor (SPM) site on March 7, 1994.

TABLE 2

MONTANA AMBIENT AIR MONITORING NETWORK
EXISTING AND PROPOSED WITH LIST OF PARAMETERS SHORT LIST

AIRS Number	Site Name/Address City/County	Parm	Year of Record	Station Type	Spatial Scale	Monitoring Objective*
	* H=high concentration, P=high population, S=source impact, B=background					
30-013-1025	Skyway Conoco Great Falls/Cascade	CO	89-98	SLAMS	Micro.	H,P,S
30-029-0003	Col. Falls Jr. High Columbia Falls/Flathead	PM_{10}	85-98	SLAMS	Neigh.	H,P
30-029-0039	Markus Foods Whitefish/Flathead	PM_{10}	91-98	SLAMS	Neigh.	H,P
30-029-0043	Evergreen Fire Station Kalispell/Flathead	PM_{10}	94-98	SPM	Neigh.	H,P,S
30-029-0045	Idaho and Main Kalispell/Flathead	CO	95-98	SLAMS	Micro.	H,P
30-029-0046	Laser School Kalispell/Flathead	CO	96-98	SPM	Neigh.	P
30-029-1015	Universal Athletics Kalispell/Flathead	PM_{10}	85-98	SLAMS	Neigh.	H,P

30-031-0002	East Main City Bldg. Bozeman/Gallatin	PM_{10}	85-98	SLAMS	Neigh.	H,P
30-031-0008	Belgrade ConAgra Belgrade/Gallatin	PM_{10}	91-98	SLAMS	Neigh.	H,P
30-031-0012	Firehole West Yellowstone/Gallatin	PM_{10}	95-98	SPM	Neigh.	H,P
30-043-0903	Microwave Montana City/Jefferson	SO_2	74-98	SPM	Neigh.	H,S
30-043-0911	McClellan Creek Road#4 Montana City/Jefferson	SO_2	93-98	SPM	Neigh.	H,S
30-043-0913	McClellan Creek Road#6 Montana City/Jefferson	SO_2	93-98	SPM	Neigh.	H,S
30-049-0018	Lincoln School Helena/Lewis & Clark	PM_{10}	91-98	SLAMS	Neigh.	H,P
30-049-0024	Rossiter School Helena/Lewis & Clark	PM_{10}	96-98	SPM	Neigh.	P
30-049-0025	Lincoln 1st Bank Lincoln/Lewis & Clark	PM_{10}	98	SPM	Neigh.	P
30-049-0702	Water Tank East Helena/Lewis & Clark	SO_2	74-98	SPM	Neigh.	H,S

30-049-0703	Kennedy Park East Helena/Lewis & Clark	SO_2	74-98	SPM	Neigh.	H,S
30-049-0714	Firehall East Helena/Lewis & Clark	TSP Pb	81-98 81-98	SLAMS SLAMS	Neigh. Neigh.	H,P,S H.P,S
30-049-0724	Dartman Field East Helena/Lewis & Clark	TSP Pb	83-98 83-98	SLAMS SLAMS	Neigh. Neigh.	H,S H,S
30-049-0726	Old Railroad East Helena/Lewis & Clark	TSP Pb	89-98 89-98	SLAMS SLAMS	Neigh. Neigh.	H,S H,S
30-049-0727	Prickly Pear Creek East Helena/Lewis & Clark	TSP Pb	93-98 93-98	SLAMS SLAMS	Neigh. Neigh.	H,P,S H,P,S
30-053-0018	Courthouse Annex Libby/Lincoln	PM_{10}	93-98	SLAMS	Neigh.	H,P
30-063-0005	Malfunction Junction Missoula/Missoula	CO	79-98	SLAMS	Neigh.	H,P,S
30-063-0016	Stone #2 Missoula/Missoula	PM_{10}	92-98	SPM	Neigh.	S
30-063-0024	Boyd Park Missoula/Missoula	PM_{10}	84-98	SLAMS	Neigh.	H,P
30-063-0031	Health Dept. Roof Missoula/Missoula	PM_{10}	86-98	SLAMS	Neigh.	H,P

30-063-0034	Stone #1A Missoula/Missoula	PM_{10} NO_2	92-98 88-92	SPM SPM	Neigh. Neigh.	S H,S
30-063-0035	Lolo Lube Center Lolo/Missoula	PM_{10}	98	SPM	Neigh.	P
30-081-0002	Highway 93/State Hamilton/Ravalli	PM_{10}	94-98	SLAMS	Neigh.	P,H
30-081-0003	Stevensville Ranger Sta. Stevensville/Ravalli	PM_{10}	94-98	SPM	Neigh.	P
30-081-0004	West Fork Ranger Sta. Darby/Ravalli	PM_{10}	94-98	SPM	Urban	B
30-087-0700	MPC #3 Colstrip/Rosebud	SO_2 NO_2 PM_{10}	82-98 82-98 89-98	SPM SPM SPM	Neigh. Neigh. Neigh.	H,P H,S H,P
30-087-0701	MPC #1 Colstrip/Rosebud	PM_{10} SO_2 NO_2	92-98 81-98 81-98	SPM SPM SPM	Neigh. Neigh. Neigh.	H,S H,S H,S
30-087-0702	MPC #2 Colstrip/Rosebud	PM_{10} SO_2 NO_2	92-95 81-98 81-98	SPM SPM SPM	Neigh. Neigh. Neigh.	H,S H,S H,S
30-089-0003	Sanders Co. Courthouse Thompson Falls/Sanders	PM_{10}	85-98	SLAMS	Neigh.	H,P
30-093-0005	Greeley School Butte/Silver Bow	PM_{10}	85-98	SLAMS	Neigh.	H,P,S

30-093-0053	Storm Sewer Butte/Silver Bow	CO		98	SPM	Micro.	H,P
30-111-0016	Laurel Farm Laurel/Yellowstone	SO_2		87-98	SPM	Neigh.	H,S
30-111-0066	Coburn Road Billings/Yellowstone	SO_2		81-98	SLAMS	Neigh.	H,S
30-111-0080	Sacrifice Cliff Billings/Yellowstone	SO_2		93-98	SLAMS	Neigh.	H,S
30-111-0081	Norwest Billings/Yellowstone	CO PM_{10}		94-98 94-97	SLAMS SLAMS	Micro. Micro.	H,P H,P
30-111-0082	Bridal Shop Billings/Yellowstone	CO		98	SPM	Micro.	H,P
30-111-1065	Lockwood Park Billings/Yellowstone	SO_2	PM_{10}	87-98 96-98	SPM SPM	Neigh. Neigh.	H,P,S H,P
30-111-2005	Brickyard Lane Billings/Yellowstone	SO_2		89-98	SPM	Neigh.	H,P,S
30-111-2006	Johnson Lane Billings/Yellowstone	SO_2		93-98	SPM	Neigh.	H,P,S
30-111-2007	Pine Hills Billings/Yellowstone	SO_2		93-98	SPM	Neigh.	H,P,S

TABLE 3

MONTANA MAJOR EQUIPMENT PURCHASES FOR FY98

Quantity	Item Description	Each	Total
2	API 300 CO analyzers	7,980	15,960
1	BIOS flow measuring device - low flow cell	935	935
4	API 700, 701 gas calibrator	14,670	58,680
5	Penny & Giles digital chart recorder	4,900	24,500
2	EKTO monitoring Shelters	10,350	20,700
2	Flow transfer standards	1,095	2,190
1	API 100 SO2 analyzer	9,415	9,415
	Total of Equipment Purchases:		**$132,380**

TABLE 4

MONTANA MAJOR PLANNED PURCHASES FOR FY99

Quantity	Item Description	Each (est)	Total (est)
6	Chart recorder (digital)	$4,900	$29,400
2	EKTO air monitoring shelter	10,000	20,000
1	API 300 CO analyzer	8,000	8,000
3	API 700, 701 gas calibration system	14,670	58,680
2	API 100 SO2 analyzer	10,000	20,000
	Total of Major Equipment Purchases:		**$136,080**

TABLE 6

MONTANA NETWORK MODIFICATION GOALS FOR FY98

Rank	AIRS Number	Site Name/Address City/County	Parm	********** Comments **********
1.	30-093-0053	Storm Sewer Butte/Silver Bow	CO	Finish installing the CO site in Butte by August 1, 1997.
	STATUS:	Accomplished 11/97		
2.	30-093-0005	Greeley School	PM10	Transfer the collocated PM_{10} sampler Butte/Silver Bow from the Butte Greeley School site to Belgrade ConAgra by August 1, 1997.
	STATUS:	Accomplished 7/97		
3.	30-063-XXXX	Lolo	PM10	Finish installing the hivol PM_{10} site at Lolo/Missoula Lolo Quik Lube and start sampling on an 1-in-6 frequency by August 1, 1997.
	STATUS:	Accomplished 8/97		
4.	30-081-0001	County Courthouse	PM10	Terminate PM_{10} monitoring at the Hamilton Ravalli County Courthouse site by September 1, 1997.
	STATUS:	Accomplished 7/97		
5.	30-111-0081	Norwest	PM10	Terminate PM_{10} monitoring at the Billings/Yellowstone Billings Norwest site by October 1, 1997.
	STATUS:	Accomplished 12/97		

Rank	AIRS Number	Site Name/Address City/County	Parm	********** Comments **********
6.	30-043-XXXX	ASARCO Network	SO2	Reconfigure the ASARCO SO_2 network to East Helena/Jefferson include four core sites.
	STATUS:	Accomplished 8/97		
7.	30-111-0079	Mt. Olive	PM10	Terminate PM_{10} monitoring at the Billings/Yellowstone Billings Mount Olive site by July 1, 1997.
	STATUS:	Accomplished 7/97		
8.	30-049-XXXX	Lincoln	PM10	Finish installing the hivol PM_{10} site at Lincoln/Lewis & Clark Lincoln First Bank. Collect samples on a 1-in-6 frequency starting on 8/1/97.
	STATUS:	Accomplished 9/97		
9.	30-029-XXXX	Flathead Valley	PM10	Install a hivol PM_{10} background site in Kalispell/Flathead the central part of the Flathead Valley.
	STATUS:	Not accomplished		
10.	30-111-0079	Mt. Olive	CO	Terminate CO monitoring at the Billings/Yellowstone Mount Olive site by July 1, 1997.
	STATUS:	Accomplished 7/97		
11.	30-093-0053	Storm Sewer	CO	Add temperature sensors at sites equip-Butte/Silver Bow ped with the new API CO analyzers and begin collecting data by 10/1/97.
	STATUS:	Accomplished 11/97		
12.	30-043-0913	McClellan Ck #6	SO2	Continue collecting SO_2 data at ASARCO E. Helena/Jefferson McClellan Creek #6.
	STATUS:	Accomplished 8/97		

Rank	AIRS Number	Site Name/Address City/County	Parm	********** Comments **********
13.	30-111-2006	Johnson Lane	SO2	Relocate the YELP South Johnson Lane SO_2 Billings/Yellowstone site further south along Johnson Lane.
	STATUS:	Not accomplished		
14.	30-081-0002	Highway 93	PM10	Add another PM_{10} sampler at Hamilton Hamilton/Ravalli Highway 93 by September 1, 1997.
	STATUS:	Accomplished 7/97		
15.	30-111-XXXX	Billings	03	Install an ozone monitoring site at an Billings/Yellowstone appropriate location.
	STATUS:	Not accomplished		
16.	30-049-XXXX	Helena	CO	Conduct a CO saturation study in the Helena/Lewis & Clark Helena during the winter of 1997-98.
	STATUS:	Not accomplished		
17.	30-049-XXXX	Helena	PM2.5	Procure a FRM $PM_{2.5}$ sampler. Install and Helena/Lewis & Clark operate on a 1-in-6 schedule in Helena.
	STATUS:	Not accomplished		
18.	30-111-XXXX	Billings	CO	Install a CO site in Billings on Grand Billings/Yellowstone Avenue.
	STATUS:	Accomplished 12/97		

Rank	AIRS Number	Site Name/Address City/County	Parm	********** Comments **********
19.	30-017-XXXX	Miles City	PM10	Install a hivol PM_{10} site in downtown Miles City/Custer Miles City by September 1, 1997.
	STATUS:	Not accomplished		
20.	30-013-0009	Fire Station	PM10	Terminate PM_{10} sampling at the Great Great Falls/Cascade Falls Fire Station site by 10/1/97.
	STATUS:	Accomplished 10/97		
21.	30-111-2005	Brickyard Lane	SO2	Relocate the BLAQTC Brickyard Lane SO_2 Billings/Yellowstone site to a new location.
	STATUS:	Not accomplished		
22.	30-031-XXXX	Bozeman	CO	Conduct a CO saturation study in the Bozeman/Gallatin Bozeman, winter of 1997-98.
	STATUS:	Not accomplished		
23.	30-027-XXXX	Lewistown	PM10	Install a hivol PM_{10} site in downtown Lewistown/Fergus Lewistown by November 1, 1997.
	STATUS:	Not accomplished		
24.	30-063-0024	Boyd Park	PM2.5	Procure a FRM $PM_{2.5}$ sampler, install and Missoula/Missoula operate on a 1-in-6 schedule.
	STATUS:	Not accomplished		

Rank	AIRS Number	Site Name/Address City/County	Parm	********** Comments **********
25.	30-063-XXXX	Frenchtown	PM10	Install a hivol PM_{10} site in Frenchtown Frenchtown/Missoula by November 1, 1997.
	STATUS:	Not accomplished		
26.	30-063-0024	Boyd Park	----	Discontinue nitrate and sulfate analyses 30-111-1065 Lockwood Park ---- on PM_{10} filters from the Missoula Boyd 30-049-0001 Cogswell Building ---- Park, Billings Lockwood Park and Helena Cogswell Building sites on July 1, 1997.
	STATUS:	Accomplished 7/97		
27.	30-049-0001	Cogswell Building	PM10	Relocate the Helena Cogswell PM_{10} Helena/Lewis & Clark sampler to an expected maximum concentration site in Helena.
	STATUS:	Not accomplished		
28.	30-111-2008	Senior High School	SO2	Relocate the Billings Senior High SO_2 Billings/Yellowstone site to a new location.
	STATUS:	Not accomplished		
29.	30-043-XXXX	Montana City	PM10	Install a hivol PM_{10} site at a location MT City/Jefferson in northern Jefferson County.
	STATUS:	Not accomplished		
30.	30-111-2008	Senior High School	SO2	Relocate the Senior High SO_2 site to a Billings/Yellowstone new location in the *Billings Heights*.
	STATUS:	Not accomplished		

Rank	AIRS Number	Site Name/Address City/County	Parm	********** Comments **********
31.	30-049-0001	Cogswell Building	PM10	Terminate PM_{10} sampling at the Helena Helena/Lewis & Clark Cogswell Building site by 10/1/97.
	STATUS:	Accomplished 10/97		
32.	30-063-XXXX	Seeley Lake	PM10	Install a hivol PM_{10} site in Seeley Seeley Lake/Missoula Lake.
	STATUS:	Not accomplished		
33.	30-111-XXXX	Billings	PM2.5	Conduct a $PM_{2.5}$ saturation study in Billings/Yellowstone Billings using AirMetrics samplers.
	STATUS:	Not accomplished		
34.	Several Sites		PM2.5	Retrofit the AirMetrics samplers with $PM_{2.5}$ inlets.
	STATUS:	Not accomplished		
35.	30-053-XXXX	Remote NW Montana	PM10	Install a remote, background PM_{10} site NW Montana/Lincoln in northwestern MT.
	STATUS:	Not accomplished		

TABLE 7

MONTANA NETWORK MODIFICATION GOALS FOR FY99

Rank	AIRS Number	Site Name/Address City/County	Parm	********** Comments **********
1.	30-111-XXXX	Lower Coburn Rd. Billings/Yellowstone	SO2	Install SO2 site by August 1, 1998.
2.	30-031-XXXX	West Entrance YNP W. Yellowstone/Gallatin	CO	Install CO site by August 1, 1998.
3.	30-029-0003	C. Falls Jr. High PM10 Columpia Falls/Flathead		Reduce sampling frequency for 4th and 1st quarters from 1 in 3 to 1 in 6.
4.	30-063-0005	Malfunction Jct. CO Missoula/Missoula		Terminate monitoring 2nd and 3rd quarters.
5.	30-063-0024	Boyd Park Missoula/Missoula		PM2.5 Install the following sites by October 1, 1998:
	30-111-1065	Lockwood Park Billings/Yellowstone		
	30-029-0043	Evergreen Fire Station Kalispell/Flathead		
	30-029-0039	Markus Foods Whitefish/Flathead		
	30-053-0018	Courthouse Annex Libby/Lincoln		
	30-093-0005	Greeley School Butte/Silver Bow		
	30-049-0018	Lincoln School Helena/Lewis and Clark		

APPENDIX B: 1997 INDUSTRIAL EMISSIONS

EMISSION INVENTORY DATA FOR 1997

This appendix presents emission inventory data for 1997 from the major point sources throughout Montana. The information is sorted by county. The Department uses point, area and mobile source emission inventory data to assess the adequacy of the air monitoring network and determine if additional sites are needed.

STATE: 30 MONTANA COUNTY: 003 BIG HORN CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00002	WESTMORELAND RESOURCES		1211	140	13	338.0	5074.6	18	97	883.2	358.5	273.4	30.0	19.7
0002	EAST OF HARDIN													
	HARDIN	59034												
00003	SPRING CREEK COAL		1211	140	13	351.5	4997.0	17	97	535.8	273.3	247.5	21.7	26.3
0003	SPRING CREEK MINE													
	DECKER	59025												
00004	DECKER COAL COMPANY		1211	140	13	357.0	4989.0	36	97	1660.8	630.8	446.3	48.7	38.0
0004	DECKER MINE													
	DECKER	59025												
00005	WILLISTON BASIN - HARDIN COMPRESSO		4922	140	13	302.0	5068.0	5	97	0.0	145.7	145.7	0.0	4.1
0005	P.O. BOX 358													
	HARDIN	59034												
	NUMBER OF PLANTS > 100 TONS PER YEAR										3	4	4	0	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)										3079.8	1408.3	1112.9	100.4	88.1

STATE: 30 MONTANA COUNTY: 005 BLAINE CO

PLANT	NAME AND ADDRESS	SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00001	HAVRE PIPELINE CO - BLAINE COUNTY	4922	141	12	616.8	5364.3	13	96	0.0	182.1	1835.2	0.7	102.7
0001	T31N, R18E, SEC. 29												
	CHINOOK 59523												
00003	HAVRE PIPELINE CO - BLAINE CO #3	4922	141	12	625.0	5330.0	6	96	0.0	20.8	14.4	0.4	12.9
0003	T27N, R19E, SEC7												
	CHINOOK 59523												
00006	MPC - BIG SANDY FIELD, STATION 103	4922	141	12	626.6	5329.5	3	97	0.0	8.0	53.4	0.0	0.8
0006	SE1/4, SEC8, T27N, R19E												
	LLOYD 59535												
00007	BEAR PAW GATHERING SYSTEMS - BIG S	4922	141	12	622.5	5303.1	3	97	0.0	4.2	4.2	0.0	0.5
0007	SE1/4SE1/4, SEC 35, T25N, R18E												
	CONRAD 59425												
00008	BEAR PAW GATHERING SYSTEMS - BLAIN	4922	141	12	623.6	5373.5	1	97	0.3	13.5	107.1	0.0	2.6
0008	SE1/4 NE1/4 SEC 25 T25N R18E												
	CONRAD 59425												

STATE: 30 MONTANA COUNTY: 007 BROADWATER CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00002	CONTINENTAL LIME		3274	142	12	453.0	5131.0	21	97	195.3	130.4	351.7	167.9	7.9
0002	INDIAN CREEK													
	TOWNSEND	596440000												
00005	LONE MOUNTAIN PELLETS		2499	142	12	454.5	5106.7	7	97	1.1	0.1	0.0	0.0	0.0
0005	SEC 10, T4N, R1E													
	TOSTON	596439747												
00006	DIAMOND HILL MINING, INC.		1041	142	12	449.0	5129.0	13	97	16.4	30.0	72.6	7.0	6.7
0006	SEC. 1, T6N, R1W													
	TOWNSEND	59644												

	PT	CO	NO2	SO2	VOC
NUMBER OF PLANTS > 100 TONS PER YEAR	1	1	1	1	0
TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)	212.8	160.5	424.3	174.9	14.6

STATE: 30 MONTANA COUNTY: 009 CARBON CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00001	MONTANA LIMESTONE COMPANY		1499	140	12	684.5	4991.7	4	97	31.7	0.0	0.0	0.0	0.0
0001	US 310 WARREN MONTANA													
	BRIDGER	59014												
00002	MPC - DRY CREEK FIELD, STATION 056		4922	140	12	647.0	5013.2	9	96	0.0	13.4	77.1	0.0	1.7
0002	SW1/4, SEC34, T6S, R5E													
	RED LODGE	59068												
00003	MONTANA LIMESTONE COMPANY - QUARRY		1422	140	12	689.0	4998.7	11	97	38.9	0.0	2.7	0.2	0.1
0003	SECS 24,25,19,30 T8S R25,26E													
	BRIDGER	59014												
	NUMBER OF PLANTS > 100 TONS PER YEAR									0	0	0	0	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)									70.6	13.4	79.8	0.2	1.8

STATE: 30 MONTANA COUNTY: 013 CASCADE CO

PLANT	NAME AND ADDRESS	SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00004	MONTANA REFINING	2911	141	12	478.1	5263.0	29	97		20.1	39.2	128.7	1029.4	379.0
0004	1900 10TH STREET N.E.													
	GREAT FALLS 594041955													
00010	GREAT FALLS CITY ASPHALT PLANT	2951	141	12	478.5	5264.0	3	97		7.3	0.0	0.0	0.0	0.0
0010	N OF CITY SHOP COMPLEX													
	GREAT FALLS 594010000													
00011	MISSOURI RIVER GRAVEL PLANT	2951	141	12	467.0	5253.5	11	97		249.1	1.6	0.0	3.2	1.2
0011	2100 9TH AVENUE NORTH													
	GREAT FALLS 59401													
00013	CEREAL FOOD PROCESSORS, INC.	2041	141	12	479.0	5262.2	12	97		79.7	0.1	0.6	0.0	0.0
0013	900 16TH STREET NORTH													
	GREAT FALLS 594010000													
00015	GTA FEEDS	2041	141	12	483.0	5262.5	6	97		6.4	0.9	4.5	0.0	0.2
0015	NORTHEAST BYPASS													
	GREAT FALLS 59403													
00016	MALMSTROM AFB, BUILDING 82110	9711	141	12	485.7	5263.0	10	97		2.5	20.7	102.4	29.6	0.1
0016	7619 14TH AVENUE NORTH													
	MALMSTOM AFB 594026788													
00009	HARVEST STATES COOPERATIVE ELEVATO	5153	141	12	475.5	5260.0	8	97		0.1	0.0	0.0	0.0	0.0
0009	600 6TH STREET, SW													
	GREAT FALLS 59404													
00007	BIG SKY FEED & SUPPLY	2048	141	12	478.0	5262.0	7	97		3.7	0.0	0.0	0.0	0.0
0007	601 8TH AVENUE, NORTH													
	GREAT FALLS 594030000													
00003	GENERAL MILLS OPERATIONS, INC.	2041	141	12	480.3	5262.3	19	97		2.8	0.0	0.0	0.0	0.0
0003	2500 9TH AVENUE NORTH													
	GREAT FALLS 59401													
00012	AGRI BASICS	2048	141	12	479.0	5262.2	8	97		10.0	0.0	0.2	0.0	0.0
0012	921 15TH ST N													
	GREAT FALLS 59401													
00019	COLUMBIA GRAIN INTERNATIONAL INC	5153	141	12	479.3	5262.4	4	97		26.2	0.0	0.0	0.0	0.0
0019	1820 12TH AVE N & 800 CRESCENT													
	GREAT FALLS 59404													
00020	GREAT FALLS REDI MIX	2951	141	12	474.3	5261.8	8	97		20.2	0.8	0.4	0.0	0.8
0020	1800 VAUGHN ROAD													
	GREAT FALLS 59404													
00021	CASCADE COUNTY ROAD DEPARTMENT	1446	141	12	0.0	0.0	5	97		20.0	0.0	0.0	0.0	0.0
0021	415 3RD STREET N.W.													
	GREAT FALLS 59404													
00022	CONOCO INC.	5171	141	0	0.0	0.0	7	97		0.0	0.0	0.0	0.0	174.0
0022	1401 52ND STREET NORTH													
	GREAT FALLS 59405													
00023	GREAT FALLS AIR NATIONAL GUARD BAS	9711	141	0	0.0	0.0	7	97		0.8	25.0	12.8	0.7	2.7
0023	2800 AIRPORT AVENUE B													
	GREAT FALLS 59404													
00027	MONTANA SPECIALTY MILLS L.L.C.	2076	141	12	0.0	0.0	6	97		38.3	0.0	0.4	0.0	0.0
0027	300 3RD STREET NW													

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STATE: 30 MONTANA COUNTY: 013 CASCADE CO

PLANT	NAME AND ADDRESS	SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00024	THOMPSON EXCAVATING	1442	141	0	0.0	0.0	3	97	0.5	0.0	0.0	0.0	0.0
0024	1981 ALLIS CHALMERS CONE CRSHR PORTABLE 59387												
00028	THOMPSON EXCAVATING	1442	141	0	0.0	0.0	5	97	0.2	0.0	0.0	0.0	0.0
0028	1994 SHAKER SCREEN CONVEYOR PORTABLE 59487												
00029	O'CONNOR FUNERAL HOME AND CREMATOR	7261	141	0	0.0	0.0	1	97	0.0	0.0	0.0	0.1	0.0
0029	2425 8TH AVENUE NORTH GREAT FALLS 59401												
	NUMBER OF PLANTS > 100 TONS PER YEAR								1	0	2	1	2
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)								487.9	88.3	250.0	1063.0	558.0

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STATE: 30 MONTANA COUNTY: 015 CHOUTEAU CO

PLANT	NAME AND ADDRESS	SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00001 0001	UMC - BIG SANDY FIELD, STATION 102 NW1/4, SEC26, T27N, R16E HAVRE 59501	4922	141	12	601.9	5324.5	5	97	0.0	9.2	12.1	0.0	2.1
	NUMBER OF PLANTS > 100 TONS PER YEAR								0	0	0	0	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)								0.0	9.2	12.1	0.0	2.1

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STATE: 30 MONTANA COUNTY: 017 CUSTER CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00001	WILLISTON BASIN - HATHAWAY STATION		4922	143	13	417.4	5129.5	3	97	0.4	2.2	34.9	0.0	0.1
0001	16 MILES WEST OF MILES CITY													
	HATHAWAY	59333												
00002	MDU - MILES CITY		4911	143	13	438.7	5139.5	3	97	0.9	8.1	29.1	0.0	0.8
0002	EAST LEIGHTON BLVD													
	MILES CITY	59301												
00004	TRINITY INDUSTRIES, INC.		4789	143	0	0.0	0.0	2	97	3.0	0.0	0.0	0.0	15.3
0004	901 N. LAKE													
	MILES CITY	59301												
00005	ALLWASTE CONTAINER SERVICES		7699	143	13	436.0	5140.5	4	97	0.0	2.3	1.6	0.0	5.7
0005	EAST VALLEY DRIVE													
	MILES CITY	59301												

	PT	CO	NO2	SO2	VOC
NUMBER OF PLANTS > 100 TONS PER YEAR	0	0	0	0	0
TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)	4.3	12.6	65.6	0.0	21.9

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STATE: 30 MONTANA COUNTY: 021 DAWSON CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00003	CENEX - GLENDIVE		5171	143	13	518.3	5216.1	2	96	0.0	0.0	0.0	0.0	23.0
0003	2510 W. TOWNE													
	GLENDIVE	59330												
00002	CENTURY CONSTRUCTION		2951	143	13	511.2	5216.7	2	97	2.9	0.4	0.8	0.6	0.2
0002	WEST OF GLENDIVE													
	GLENDIVE	59330												
00005	MDU - GLENDIVE		4911	143	13	520.3	5210.8	2	97	1.3	10.7	38.4	0.0	1.1
0005	MARSH ROAD													
	GLENDIVE	59330												
00006	TEXACO PIPELINE INC - RICHEY STATI		4612	143	13	507.5	5271.6	3	96	0.0	0.0	0.0	0.0	4.2
0006	T21N, R53E, SEC10													
	GLENDIVE	59330												
00007	TEXACO PIPELINE INC - GLENDIVE STA		4612	143	13	517.0	5212.9	1	96	0.0	0.0	0.0	0.0	13.8
0007	T15N, R55E, SEC8													
	GLENDIVE	59330												
00004	WILLISTON BASIN - MORGAN CREEK		4922	143	13	529.5	5235.1	4	97	0.3	35.7	23.9	0.0	8.5
0004	NE1/4 SW1/4 SEC 32 T18N R56E													
	GLENDIVE	59330												
	NUMBER OF PLANTS > 100 TONS PER YEAR										0	0	0	0	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)										4.5	46.8	63.1	0.6	50.8

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STATE: 30 MONTANA COUNTY: 025 FALLON CO

PLANT	NAME AND ADDRESS	SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00001	BEAR PAW ENERGY, INC. - BAKER PLAN	4922	143	13	571.7	5136.1	9	96	0.6	36.9	28.7	0.0	37.5
0001	SEC. 6, T7N, R60E												
	BAKER 59313												
00002	WILLISTON BASIN - LITTLE BEAVER	4922	143	13	572.3	5105.1	15	97	0.3	149.0	231.6	0.0	8.0
0002	HC 73 BOX 5013												
	BAKER 59313												
00003	WILLISTON BASIN - CABIN CREEK	4922	143	13	544.5	5162.2	16	97	3.8	358.5	486.8	0.1	53.7
0003	HC 72 BOX 6020												
	BAKER 59313												
00004	SWEPI - CABIN CREEK ENGINE	1311	143	13	537.4	5163.4	1	97	0.3	16.7	132.6	0.0	3.2
0004	SEC. 17, T10N, R58E												
	BAKER 59313												
00006	KOCH PIPELINE CO - BAKER STATION	1311	143	0	0.0	0.0	3	97	0.0	0.0	0.0	0.0	3.6
0006	T7N R58E SEC 3												
	BAKER 59313												
00005	SWEPI - CABIN CREEK GCF	1311	143	13	541.0	5163.5	2	97	0.0	0.0	0.6	12.1	33.9
0005	SEC 18, T10N, R58E												
	BAKER 59313												
00008	WILLISTON BASIN - MONARCH STATION	4922	143	13	549.3	5148.6	7	97	0.7	69.2	46.5	0.0	51.4
0008	NE 1/4, SEC. 36, T9N, R58E												
	BAKER 59313												
00009	SHELL WESTERN EPI - PENNEL 30	4911	143	13	555.2	5139.3	1	97	0.5	35.2	12.2	0.0	14.4
0009	NE1/4, SEC. 36, T8N R59E												
	BAKER 59313												
00010	WILLISTON BASIN - BAKER COMPRESSOR	4922	143	13	557.2	5130.1	6	97	0.0	135.5	211.8	0.0	8.1
0010	P.O. BOX 1527												
	BAKER 59313												
	NUMBER OF PLANTS > 100 TONS PER YEAR								0	3	4	0	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)								6.2	801.0	1150.8	12.2	213.8

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STATE: 30 MONTANA COUNTY: 027 FERGUS CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00004	CENTURY CONSTRUCTION		2951	140	12	615.6	5212.3	2	97	0.5	0.0	0.1	0.1	0.0
0004	BOX 739													
	LEWISTOWN	59457												
00005	C R KENDALL		1041	140	12	616.5	5237.5	14	97	5.9	11.9	3.2	0.1	0.0
0005	PO BOX 799													
	HILGER	59451												
00006	MOUNTAIN MEADOWS PET PRODUCTS		3999	140	12	620.0	5245.0	7	97	10.3	0.0	0.0	0.0	0.0
0006	SEC. 15, T15N, R18E													
	LEWISTOWN	59457												

	CO	NO2	SO2	VOC
NUMBER OF PLANTS > 100 TONS PER YEAR	0	0	0	0
TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)	16.7	11.9	3.3	0.2	0.0

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STATE: 30 MONTANA COUNTY: 029 FLATHEAD CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00024	A-1 PAVING, INC.		1611	144	0	0.0	0.0	2	97	6.2	2.1	3.0	6.8	1.4
0024	3131 HIGHWAY 2 EAST													
	KALISPELL	59901												
00025	MC ELROY AND WILKEN		1442	144	11	700.5	5343.0	3	97	10.8	0.0	0.0	0.0	0.0
0025	801 WHITEFISH STAGE													
	KALISPELL	59901												
00026	PARTNERS IN WOOD		2499	144	11	718.5	5366.9	1	93	0.2	3.2	0.0	0.0	0.3
0026	P.O. BOX 157													
	WEST GLACIER	59936												
00005	PLUM CREEK EVERGREEN		2436	144	11	701.6	5345.3	16	97	146.3	1361.8	154.4	8.2	87.3
0005	2 MI NE OF KALISPELL													
	KALISPELL	59903												
00006	KLINGLER LUMBER		2421	144	11	700.5	5342.9	4	97	2.3	0.0	0.0	0.0	0.0
0006	350 FLATHEAD DRIVE													
	KALISPELL	59901												
00008	PLUM CREEK-COLUMBIA FALLS		2436	144	11	708.1	5361.8	35	97	520.6	1873.4	408.3	15.5	497.6
0008	500 12TH AVENUE WEST													
	COLUMBIA FALLS	59912												
00010	STOLTZE LAND AND LUMBER COMPANY		2421	144	11	704.1	5362.8	19	97	77.0	24.0	4.0	0.9	23.1
0010	3 MI W OF COLUMBIA FALLS													
	COLUMBIA FALLS	59912												
00016	PACK & COMPANY		2951	144	11	698.4	5345.7	3	97	5.8	0.5	0.4	1.0	0.3
0016	2355 HWY 93N													
	KALISPELL	59901												
00017	FLATHEAD COUNTY ROAD DEPT. - ASPHA		2951	144	11	705.2	5343.2	2	96	30.2	0.1	0.5	2.1	0.0
0017	5 MILES EAST OF KALISPELL													
	KALISPELL	59901												
00019	STILLWATER FOREST PRODUCTS		2431	144	11	700.3	5343.3	7	97	40.7	0.0	0.0	0.0	0.0
0019	955 WHITEFISH STAGE ROAD													
	KALISPELL	59901												
00003	AMERICAN TIMBER COMPANY		2421	144	11	679.0	5378.5	18	97	184.2	88.1	5.0	1.0	66.6
0003	P.O. BOX 128													
	OLNEY	59927												
00012	COLUMBIA FALLS ALUMINUM		3334	144	11	712.1	5363.8	36	97	2450.0	33054.2	11.7	1436.1	445.7
0012	2000 ALUMINUM DRIVE													
	COLUMBIA FALLS	59912												
00030	JOHNSON MORTUARY		7261	144	12	699.7	5341.5	1	97	0.0	0.0	0.1	0.0	0.0
0030	P.O. BOX 966													
	KALISPELL	59903												
	NUMBER OF PLANTS > 100 TONS PER YEAR									4	3	2	1	2
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)									3474.3	36407.4	587.4	1471.6	1122.3

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STATE: 30 MONTANA COUNTY: 031 GALLATIN CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00004	LOUISIANA-PACIFIC - BELGRADE		2421	142	12	485.4	5068.7	11	97	108.0	168.4	37.3	1.9	64.1
0004	400 JACKRABBIT LANE													
	BELGRADE	59714												
00006	LUZENAC AMERICA - THREE FORKS PLAN		1499	142	12	457.3	5081.0	64	97	53.5	2.9	11.6	0.2	0.4
0006	2150 BENCH ROAD													
	THREE FORKS	59752												
00008	MONTANA TALC - LUZENAC/SAPPINGTON		3295	142	12	440.0	5071.5	31	97	18.2	1.0	3.5	0.1	0.2
0008	28769 SAPPINGTON RD													
	THREE FORKS	597520000												
00005	HOLNAM, INC.		3241	142	12	464.4	5088.0	53	97	342.9	36.3	102.2	11.7	1.6
0005	4070 TRIDENT RD													
	THREE FORKS	59752												
00001	JTL GROUP		2951	142	12	487.7	5067.1	3	97	14.3	3.9	3.5	6.5	2.5
0001	21730 FRONTAGE ROAD													
	BELGRADE	59714												
00007	KANTA PRODUCTS		3255	142	12	456.0	5080.2	5	97	3.7	0.0	0.0	0.0	0.0
0007	WILLOW CREEK ROAD													
	THREE FORKS	59752												
00009	EXXON - BOZEMAN MARKETING TERMINAL		5171	142	12	497.1	5060.4	3	97	0.0	0.0	0.0	0.0	19.6
0009	220 W. GRIFFIN DRIVE													
	BOZEMAN	59715												
00010	MSU - CENTRAL HEATING PLANT		8221	142	12	496.5	5056.5	3	97	0.4	3.2	10.3	0.0	0.2
0010	OFFICE OF FACILITY SERVICES													
	BOZEMAN	59717												
00012	CONOCO INC		5171	142	0	0.0	0.0	6	97	0.0	0.0	0.0	0.0	86.1
0012	318 WEST GRIFFIN DRIVE													
	BOZEMAN	59715												

NUMBER OF PLANTS > 100 TONS PER YEAR	2	1	1	0	0
TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)	541.0	215.7	168.4	20.4	174.7

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STATE: 30 MONTANA COUNTY: 035 GLACIER CO

PLANT	NAME AND ADDRESS	SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00004	MPC CUT BANK MAINLINE #1 STATION	1321	141	12	408.3	5383.8	10	97	1.2	69.7	24.7	0.0	10.0
0004	4 MILES SE OF CUT BANK												
	CUT BANK 59427												
00009	MPC - COBB STORAGE FIELD, STATION	4922	141	12	408.8	5405.5	10	97	0.0	2.1	8.4	0.0	2.6
0009	NW1/4, SEC 15, T35N, R5W												
	CUT BANK 59427												
00010	MPC - CUT BANK FIELD, STATION 001	4922	141	12	409.4	5387.6	3	97	0.0	6.7	3.2	0.0	5.3
0010	NW1/4, SEC 11, T33N, R5W												
	CUT BANK 59427												
00006	MPC - CUT BANK FIELD, STATION 015	4922	141	12	406.2	5398.5	2	97	0.0	4.8	24.0	0.0	16.1
0006	NW1/4, SEC4, T34N, R5W												
	CUT BANK 59427												
00008	MPC - CUT BANK FIELD, STATION 025	4922	141	12	411.9	5412.1	3	97	0.0	6.7	15.5	0.0	0.8
0008	SE1/4, SEC24, T36N, R5W												
	CUT BANK 59427												
00011	MPC - CUT BANK, STATION 018	4922	141	12	420.0	5345.8	2	97	0.0	2.5	20.7	0.0	13.7
0011	NW1/4, SEC22, T35N, R5W												
	CUT BANK 59427												
00007	MPC - CUT BANK FIELD, STATION 002	4922	141	12	407.5	5408.9	4	97	0.0	3.4	3.7	0.0	8.0
0007	SE1/4, SEC33, T36N, R5W												
	CUT BANK 59427												
00005	CONOCO INC - CUT BANK CRUDE OIL PI	4612	141	12	404.0	5385.8	1	97	0.0	0.0	0.0	0.0	14.8
0005	1252 TANK FARM HILL												
	CUT BANK 59427												
00012	GYPSY HIGHVIEW-RED RIVER STATION	1311	141	12	411.9	5421.1	3	97	0.0	4.6	2.1	0.0	5.4
0012	18.5 MILES NORTH OF CUT BANK												
	CUT BANK 59427												
00013	BLACKFEET SHALLOW GAS SYSTEMS	4922	141	12	400.9	5426.8	3	97	0.0	1.9	7.8	0.0	5.0
0013	SE 1/4,SW 1/4,SEC 2,T37N,R6W												
	CUT BANK 59427												
00014	CENEX, INC. CUT BANK/BIG SKY PIPEL	5171	141	12	404.0	5385.8	3	97	0.0	0.0	0.0	0.0	1956.0
0014	HWY 2 EAST												
	CUT BANK 59427												
00015	MONTANA REFINING BIG SKY PIPELINE	5171	141	12	404.0	5385.8	1	97	0.0	0.0	0.0	0.0	126.2
0015	HIGHWAY 2 EAST												
	CUT BANK 59427												
00016	LITTLE ROCK COMPRESSOR STATION	4922	141	12	0.0	0.0	3	97	0.0	0.0	0.0	0.0	0.1
0016	NE1/4 SEC. 13 T36N-R6W GLACIER												
	CUT BANK 59427												
	NUMBER OF PLANTS > 100 TONS PER YEAR									0	0	0	0	2
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)									1.2	102.4	110.1	0.0	2164.0

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STATE: 30 MONTANA COUNTY: 037 GOLDEN VALLEY CO

PLANT	NAME AND ADDRESS	SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00001	MPC - BIG COULEE FIELD, STATION 05	4922	140	12	632.8	5111.7	4	96	0.0	1.1	12.0	0.0	0.4
0001	SE1/4, SEC25, T19E, R5N												
	RYEGATE 59074												
	NUMBER OF PLANTS > 100 TONS PER YEAR								0	0	0	0	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)								0.0	1.1	12.0	0.0	0.4

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STATE: 30 MONTANA COUNTY: 039 GRANITE CO

PLANT	NAME AND ADDRESS	SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00002	CONTACT MINING COMPANY	1099	142	12	324.0	5131.8	3	97		0.4	0.0	0.0	0.0	0.0
0002	1/2 MILE SOUTH OF PHILLIPSBURG												
	PHILLIPSBURG 59858												
	NUMBER OF PLANTS > 100 TONS PER YEAR									0	0	0	0	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)									0.4	0.0	0.0	0.0	0.0

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STATE: 30 MONTANA COUNTY: 041 HILL CO

PLANT	NAME AND ADDRESS	SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00002	HAVRE PIPELINE COMPANY - HILL COUN	4922	141	12	596.0	5366.0	3	96	0.3	63.7	82.6	0.0	6.4
0002	P.O. BOX 2606												
	HAVRE 59501												
00003	MPC - BOX ELDER FIELD, STATION 070	4922	141	12	612.5	5375.5	3	97	0.0	0.0	0.2	0.0	0.0
0003	NE1/4, SEC23, T32N, R17E												
	HAVRE 59501												
00004	HAVRE PIPELINE COMPANY - HILL COUN	4922	141	12	591.1	5361.5	2	96	0.1	5.2	5.8	0.0	1.0
0004	P.O. BOX 2606												
	HAVRE 595012606												
00005	HAVRE PIPELINE COMPANY - HILL COUN	4922	141	12	591.7	5356.1	3	96	0.7	41.0	27.3	0.0	4.8
0005	P.O. BOX 2606												
	HELENA 595012606												
	NUMBER OF PLANTS > 100 TONS PER YEAR									0	0	0	0	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)									1.1	109.9	115.9	0.0	12.2

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STATE: 30 MONTANA COUNTY: 043 JEFFERSON CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00003	MONTANA TUNNELS MINE		1041	142	12	412.5	5135.5	19	97	1354.7	333.2	434.2	47.4	28.6
0003	PO BOX 176													
	JEFFERSON CITY	59638												
00001	ASH GROVE CEMENT		3241	142	12	429.0	5154.5	23	97	272.2	24.3	741.3	126.5	1.6
0001	100 HIGHWAY 518													
	CLANCY	596349701												
00002	GOLDEN SUNLIGHT MINE		1041	142	12	421.6	5083.0	21	97	2266.8	441.4	431.7	41.6	24.7
0002	453 HWY 2 EAST													
	WHITEHALL	597590000												
	NUMBER OF PLANTS > 100 TONS PER YEAR									3	2	3	1	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)									3893.7	798.9	1607.2	215.5	54.9

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STATE: 30 MONTANA COUNTY: 049 LEWIS AND CLARK CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00001	ASARCO INCORPORATED		3339	142	12	429.5	5158.8	37	97	207.3	5.3	21.5	10306.7	0.4
0001	100 SMELTER ROAD													
	EAST HELENA	59635												
00003	AMERICAN CHEMET		2819	142	12	429.0	5160.0	32	97	2.7	0.8	4.3	0.0	0.2
0003	SMELTER ROAD													
	EAST HELENA	59635												
00005	HELENA SAND & GRAVEL		2951	142	12	427.1	5162.7	4	97	2.3	5.5	21.8	3.2	2.1
0005	P.O. BOX 5960													
	HELENA	59604												
00006	BASIN CREEK MINE		1041	142	12	401.0	5141.5	16	97	69.8	11.9	29.2	2.2	2.6
0006	20 MILES SW OF HELENA													
	BASIN	59631												
00007	U.S. DEPARTMENT OF VETERANS AFFAIR		4953	142	12	415.7	5163.2	1	97	0.4	0.2	0.2	0.6	0.8
0007	VA CENTER													
	FORT HARRISON	59636												
00010	EXXON - HELENA MARKETING TERMINAL		5171	142	12	424.8	5160.1	3	97	0.0	0.0	0.0	0.0	17.6
0010	3120 HIGHWAY 12 EAST													
	HELENA	59601												
00011	CONOCO INC.		5171	142	0	0.0	0.0	10	97	0.0	8.6	1.7	0.0	113.0
0011	3180 HIGHWAY 12 EAST													
	HELENA	59601												
	NUMBER OF PLANTS > 100 TONS PER YEAR									1	0	0	1	1
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)									282.5	32.3	78.7	10312.7	136.7

DATE : 03/20/98 AFS COUNTY POINT SOURCE SUMMARY PGM: AFP649

STATE: 30 MONTANA COUNTY: 051 LIBERTY CO

PLANT	NAME AND ADDRESS	SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00001	MPC - EAST KEITH FIELD, STATION 03	4922	141	12	505.3	5412.3	4	97	0.0	5.2	36.4	0.0	3.1
0001	SE1/4 NE1/4 SEC. 22 T36N R6E												
	SHELBY 59474												
00002	MPC - UTOPIA FIELD, STATION 035	4922	141	12	486.5	5384.3	4	97	0.0	3.3	27.7	0.0	0.3
0002	SW1/4, SEC14, T33N, R4E												
	LOTHAIR 59461												
	NUMBER OF PLANTS > 100 TONS PER YEAR								0	0	0	0	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)								0.0	8.5	64.1	0.0	3.4

DATE : 03/20/98 AFS COUNTY POINT SOURCE SUMMARY PGM: AFP649

STATE: 30 MONTANA COUNTY: 053 LINCOLN CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00001	OWENS & HURST		2421	144	11	642.3	5419.7	5	97	60.0	0.0	0.0	0.0	0.0
0001	NORTH ON HIWAY 93													
	EUREKA	59917												
00002	PLUM CREEK MFG., LP-KSANKA		2421	144	11	655.3	5402.7	7	97	87.4	128.9	14.2	1.8	67.4
0002	PO BOX 28, HIWAY 93 N.													
	FORTINE	59918												
00003	ASARCO - TROY		1021	144	11	581.5	5345.6	6	97	35.3	1.2	2.8	0.3	0.2
0003	P.O. BOX 868													
	TROY	59935												
00004	STIMSON LUMBER - LIBBY		2436	144	11	607.8	5359.7	6	97	76.1	1042.4	36.4	3.8	80.8
0004	875 HIGHWAY 2 SOUTH													
	LIBBY	59923												
00010	EUREKA PELLET MILLS		2421	144	11	642.0	5419.2	3	97	44.5	5.8	1.4	0.2	2.0
0010	P.O. BOX 667													
	EUREKA	59917												
00014	LONE PINE TIMBER INDUSTRIES		2421	144	11	642.3	5419.7	7	97	33.3	0.0	0.0	0.0	0.0
0014	HIGHWAY 93 NORTH													
	EUREKA	59917												

NUMBER OF PLANTS > 100 TONS PER YEAR	0	2	0	0	0
TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)	336.6	1178.3	54.8	6.1	150.4

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STATE: 30 MONTANA COUNTY: 055 MC CONE CO

PLANT	NAME AND ADDRESS	SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00001	WILLISTON BASIN - VIDA STATION	4922	143	13	473.0	5304.7	6	97	0.5	49.6	213.5	0.0	11.9
0001	N1/2 NE1/4 SEC 27 T25N R49E												
	VIDA 59330												
	NUMBER OF PLANTS > 100 TONS PER YEAR								0	0	1	0	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)								0.5	49.6	213.5	0.0	11.9

DATE : 03/20/98 AFS COUNTY POINT SOURCE SUMMARY PGM: AFP649

STATE: 30 MONTANA COUNTY: 057 MADISON CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00005	LUZENAC AMERICA INC. - ANTLER MINE		1499	142	12	359.0	5050.0	9	97		41.9	15.9	5.1	0.5	0.2
0005	SOUTH OF SILVER STAR														
	ALDER	59710													
00007	LUZENAC AMERICA INC. - BEAVERHEAD		1499	142	12	398.0	5009.5	6	97		23.0	1.9	2.0	0.2	0.1
0007	BEAVERHEAD MINE														
	ALDER	59710													
00001	LUZENAC AMERICA - YELLOWSTONE MINE		3295	142	12	442.9	4991.4	12	97		166.3	37.5	52.6	5.7	3.5
0001	22 MILES SOUTH OF ENNIS														
	CAMERON	59720													
00010	SWEETWATER GARNET INC.		1446	142	12	393.4	4989.3	11	97		17.0	0.4	1.0	0.1	0.0
0010	20 MILES SE OF DILLON														
	DILLON	59725													
00011	COMINCO AMERICAN INC - ALDER GARNE		1446	142	12	414.5	5019.4	9	97		32.1	7.2	15.4	1.7	1.1
0011	1 MILE EAST OF ALDER														
	ALDER	59710													

	CO	NO2	SO2	VOC
NUMBER OF PLANTS > 100 TONS PER YEAR	1	0	0	0
TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)	280.3	62.9	76.1	8.2	4.9

DATE : 03/20/98 AFS COUNTY POINT SOURCE SUMMARY PGM: AFP649

STATE: 30 MONTANA COUNTY: 061 MINERAL CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00004	TRICON TIMBER INC.		2421	144	11	644.8	5241.4	4	97	30.8	28.0	19.6	1.0	9.8
0004	1 MILE NORTHEAST OF ST. REGIS													
	ST. REGIS	59866												
	NUMBER OF PLANTS > 100 TONS PER YEAR										0	0	0	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)										30.8	28.0	19.6	1.0

DATE : 03/20/98 AFS COUNTY POINT SOURCE SUMMARY PGM: AFP649

STATE: 30 MONTANA COUNTY: 063 MISSOULA CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00004	PYRAMID MTN LUMBER		2421	144	12	312.0	5226.7	12	97	139.3	28.6	66.4	1.0	10.0
0004	SOUTH EDGE OF TOWN													
	SEELEY LAKE	59868												
00006	STONE CONTAINER		2631	144	11	713.1	5204.6	44	97	588.4	3558.1	2116.8	149.4	830.4
0006	MULLAN ROAD													
	MISSOULA	598064707												
00009	JENSEN PAVING - GRANT CREEK		2951	144	11	724.9	5198.7	2	97	20.6	0.2	0.2	0.4	0.1
0009	GRANT CREEK ROAD													
	MISSOULA	59802												
00002	LOUISIANA-PACIFIC		2493	144	11	726.4	5198.6	30	97	277.4	63.4	337.5	2.3	43.6
0002	3300 RASER DRIVE													
	MISSOULA	59802												
00012	JENSEN PAVING - FLYNN LANE		1611	144	11	725.9	5198.9	2	97	180.5	0.7	2.1	1.4	0.5
0012	4525 MULLEN ROAD - CRUSHER													
	MISSOULA	59801												
00001	STIMSON LUMBER - MISSOULA		2421	144	12	281.5	5194.8	6	97	157.6	240.9	168.3	9.0	84.1
0001	HIGHWAY 200 EAST													
	BONNER	59823												
00007	JTL GROUP - TARGET RANGE		2951	144	11	722.9	5191.9	3	96	12.4	0.0	0.0	0.0	0.0
0007	2800 40TH AVENUE													
	MISSOULA	59801												
00016	BRADY NELSON		2951	144	0	0.0	0.0	1	97	0.1	0.0	0.0	0.0	0.0
0016	3376 TRAILS END ROAD													
	MISSOULA	59803												
00013	JTL GROUP - WESTVIEW		1611	144	11	724.9	5198.7	3	96	17.2	2.2	2.1	4.3	1.6
0013	2700 MICHAEL ROAD													
	MISSOULA	59802												
00014	MISSOULA READY MIX		3273	144	0	0.0	0.0	3	96	1.7	0.0	0.0	0.0	0.0
0014	1600 RIVER ROAD													
	MISSOULA	59801												
00015	BFI WASTE INDUSTRIES OF NA, INC.		4953	144	11	727.1	5198.5	1	97	1.4	3.3	4.6	2.4	1.6
0015	SEC.8,9 T13N R19W COAL MINE RD													
	MISSOULA	59802												
00017	EXXON COMPANY USA		5171	144	11	726.2	5198.0	3	97	0.0	0.0	0.0	0.0	17.5
0017	3350 RASER DRIVE													
	MISSOULA	59801												
00019	CONOCO, INC.		5171	144	0	0.0	0.0	8	97	0.0	4.4	1.7	0.0	30.1
0019	3330 RASER DRIVE													
	MISSOULA	59802												
00020	LAFARGE CORPORATION		1499	144	0	0.0	0.0	2	97	0.7	0.0	0.0	0.0	0.0
0020	6520 DESMET ROAD													
	MISSOULA	59802												
	NUMBER OF PLANTS > 100 TONS PER YEAR										5	2	3	1	1
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)										1397.3	3901.8	2699.7	170.2	1019.5

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STATE: 30 MONTANA COUNTY: 065 MUSSELSHELL CO

PLANT	NAME AND ADDRESS	SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00001	MOUNTAIN INC. BULL MOUNTAIN MINE	1211	140	12	698.4	5127.1	5	97		11.4	0.0	0.0	0.0	0.0
0001	2240 FATTIG CREEK ROAD													
	ROUNDUP 59072													
	NUMBER OF PLANTS > 100 TONS PER YEAR									0	0	0	0	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)									11.4	0.0	0.0	0.0	0.0

DATE : 03/20/98 AFS COUNTY POINT SOURCE SUMMARY PGM: AFP649

STATE: 30 MONTANA COUNTY: 067 PARK CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00001	RY TIMBER		2421	142	12	534.0	5053.0	5	97	12.4	1.1	5.2	0.3	0.3
0001	P.O. BOX 990													
	LIVINGSTON	590470000												
00002	PARK COUNTY INCINERATOR		4953	142	12	535.4	5058.6	1	97	13.3	23.9	30.9	11.9	10.5
0002	328 NORTH M STREET													
	LIVINGSTON	59047												
00003	PARK LUMBER COMPANY, INC.		2421	142	12	536.0	5058.0	3	97	2.9	3.2	0.0	0.0	0.2
0003	1.5 MILES EAST OF LIVINGSTON													
	LIVINGSTON	59047												
00004	TVX - MINERAL HILL MINE		1041	142	12	530.0	4990.5	13	97	1.1	28.0	1.5	0.1	0.9
0004	SEC. 9, TOWNSHIP 9E, RANGE 9S													
	GARDINER	59030												
00007	EGGAR, INC.		1442	142	12	505.0	5050.5	3	97	0.9	0.0	0.0	0.0	0.0
0007	T1S, R10E, SEC. 35													
	LIVINGSTON	59047												
00008	MPC - LIVINGSTON STATION 1&2		4922	142	12	527.1	5055.7	2	97	0.0	15.8	3.7	0.0	6.1
0008	NEQ NEQ S19+20 T2S R9E													
	LIVINGSTON	59047												

		CO	NO2	SO2	VOC
NUMBER OF PLANTS > 100 TONS PER YEAR		0	0	0	0
TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)		30.6	72.0	41.3	12.3	18.0

DATE : 03/20/98 AFS COUNTY POINT SOURCE SUMMARY PGM: AFP649

STATE: 30 MONTANA COUNTY: 071 PHILLIPS CO

PLANT	NAME AND ADDRESS	SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00002	ZORTMAN MINING, INC. (LANDUSKY)	1041	143	12	678.5	5310.0	14	97		159.6	9.1	14.0	1.4	0.9
0002	PO BOX 313													
	ZORTMAN 59546													
00001	ZORTMAN MINING, INC. (ZORTMAN)	1041	143	12	683.1	5311.3	22	97		112.5	5.5	5.9	0.5	0.2
0001	P.O. BOX 313													
	ZORTMAN 595460000													
	NUMBER OF PLANTS > 100 TONS PER YEAR									2	0	0	0	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)									272.1	14.6	19.9	1.9	1.1

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STATE: 30 MONTANA COUNTY: 073 PONDERA CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00001	BUSCH AGRICULTURAL RESOURCES, INC.		5153	141	12	429.0	5334.0	5	97	19.7	0.0	0.0	0.0	0.0
0001	HIGHWAY 91 AND FRONT STREET													
	CONRAD	59425												
00003	MPC - WILLIAMS FIELD, STATION 041		4922	141	12	408.3	5403.2	2	97	0.0	0.8	5.4	0.0	2.8
0003	NE1/4, SEC2, T29N, R4W													
	SHELBY	59474												
	NUMBER OF PLANTS > 100 TONS PER YEAR									0	0	0	0	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)									19.7	0.8	5.4	0.0	2.8

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STATE: 30 MONTANA COUNTY: 077 POWELL CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00002	LOUISIANA-PACIFIC CORP.		2421	142	12	366.0	5138.5	14	97	100.6	171.1	32.4	1.8	81.7
0002	KENTUCKY AVENUE													
	DEER LODGE	59722												
	NUMBER OF PLANTS > 100 TONS PER YEAR									1	1	0	0	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)									100.6	171.1	32.4	1.8	81.7

DATE : 03/20/98 AFS COUNTY POINT SOURCE SUMMARY PGM: AFP649

STATE: 30 MONTANA COUNTY: 081 RAVALLI CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00001	DARBY LUMBER INC.		2421	144	11	720.3	5095.7	10	97	79.5	23.7	4.7	4.1	8.2
0001	4114 HWY. 93													
	DARBY	59829												
00004	PIONEER LOG HOMES DBA TECHWOOD IND		2452	144	12	719.5	5144.2	1	97	10.2	0.8	0.6	0.0	0.3
0004	1344 HWY 93 NORTH													
	VICTOR	59875												
	NUMBER OF PLANTS > 100 TONS PER YEAR									0	0	0	0	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)									89.7	24.5	5.3	4.1	8.5

DATE : 03/20/98 AFS COUNTY POINT SOURCE SUMMARY PGM: AFP649

STATE: 30 MONTANA COUNTY: 083 RICHLAND CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00008	BEAR PAW ENERGY, INC.		4922	143	13	556.0	5290.0	5	96		2.1	2.7	0.9	0.7	0.0
0008	HC 56 BOX 6070														
	SIDNEY	59270													
00003	MDU - LEWIS & CLARK STATION		4911	143	13	563.4	5280.7	2	97		82.1	54.0	719.5	785.4	6.2
0003	HWY 23, SOUTH OF SIDNEY														
	SIDNEY	59270													
00002	HOLLY SUGAR CORPORATION		2063	143	13	564.9	5285.0	27	97		217.5	197.9	277.2	81.5	23.5
0002	P.O. BOX 1168														
	SIDNEY	59270													
00005	KNIFE RIVER CORPORATION		1211	143	13	543.0	5257.5	11	97		119.7	19.1	12.6	1.3	1.3
0005	NEAR SAVAGE														
	SAVAGE	59262													
00012	TEXACO PIPELINE INC - SIDNEY STATI		4612	143	13	568.5	5181.3	1	96		0.0	0.0	0.0	0.0	2.3
0012	T22N, R59E, SEC12														
	SIDNEY	59270													
00011	TEXACO PIPELINE INC - PUTNAM STATI		4612	143	13	551.9	5291.4	1	96		0.0	0.0	0.0	0.0	0.5
0011	T23N, R57E, SEC13														
	SIDNEY	59270													
00013	TEXACO PIPELINE INC - FAIRVIEW STA		4612	143	0	0.0	0.0	1	96		0.0	0.0	0.0	0.0	8.4
0013	SEC. 36, 725N-R58E														
	FAIRVIEW	59221													
00014	BEAR PAW ENERGY INC.		4922	143	0	0.0	0.0	3	96		1.5	0.5	1.4	0.0	0.3
0014	HC 56 BOX 6070														
	SIDNEY	59270													
	NUMBER OF PLANTS > 100 TONS PER YEAR										2	1	2	1	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)										422.9	274.2	1011.6	868.9	42.5

DATE : 03/20/98 AFS COUNTY POINT SOURCE SUMMARY PGM: AFP649

STATE: 30 MONTANA COUNTY: 085 ROOSEVELT CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00003	BEAR PAW ENERGY, INC.		4922	143	13	545.0	5332.0	4	96		1.2	5.9	3.0	0.1	3.6
0003	HC 56 BOX 6070														
	SIDNEY	59270													
00004	TEXACO PIPELINE INC - POPLAR STATI		4612	143	13	500.5	5345.0	1	96		0.0	0.0	0.0	0.0	5.1
0004	SEC30, T29N, R51E														
	BROCKTON	59213													
00005	MONTOLA GROWERS, INC.		2079	143	13	537.6	5332.8	9	97		33.3	2.3	9.3	0.0	257.6
0005	P.O. BOX 478														
	CULBERTSON	59218													
	NUMBER OF PLANTS > 100 TONS PER YEAR										0	0	0	0	1
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)										34.5	8.2	12.3	0.1	266.3

DATE : 03/20/98 AFS COUNTY POINT SOURCE SUMMARY PGM: AFP649

STATE: 30 MONTANA COUNTY: 087 ROSEBUD CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00009	BIG SKY COAL COMPANY		1211	143	13	376.0	5075.0	17	97		921.7	299.8	236.2	25.9	18.1
0009	P.O. BOX 97														
	COLSTRIP	59323													
00011	ST. LABRE INDIAN SCHOOL		9999	143	13	400.2	5051.0	2	96		60.6	130.8	11.0	0.5	1.6
0011	P.O. BOX 48														
	ASHLAND	59003													
00004	WESTERN ENERGY		1211	143	13	375.0	5081.0	40	97		1940.4	646.4	432.5	137.6	26.5
0004	ROSEBUD MINE														
	COLSTRIP	59323													
00010	NORTHERN CHEYENNE PINE CO		2421	143	12	400.5	5049.9	12	96		62.0	5.8	0.9	0.2	2.0
0010	HIGHWAY 212 WEST														
	ASHLAND	59003													
00007	COLSTRIP ENERGY LTD. PARTNERSHIP		4911	143	13	371.5	5092.6	6	97		34.0	1.4	540.9	746.5	4.4
0007	ROSEBUD PLANT														
	COLSTRIP	59323													
00008	MPC - COLSTRIP UNITS #1 & #2		4911	143	13	374.3	5082.2	4	97		1095.8	803.5	9090.2	10095.7	93.7
0008	P.O. BOX 38														
	COLSTRIP	59323													
00014	MPC - COLSTRIP UNITS #3 & #4		4911	143	13	374.3	5082.2	3	97		2071.1	1767.6	19827.6	4482.2	206.3
0014	P.O. BOX 38														
	COLSTRIP	59323													
	NUMBER OF PLANTS > 100 TONS PER YEAR										4	5	5	4	1
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)										6185.6	3655.3	30139.3	15488.6	352.6

DATE : 03/20/98 AFS COUNTY POINT SOURCE SUMMARY PGM: AFP649

STATE: 30 MONTANA COUNTY: 089 SANDERS CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00003	THOMPSON RIVER LUMBER		2421	144	11	631.3	5270.8	6	97		25.6	3.1	0.5	0.1	1.0
0003	P.O. BOX 279														
	THOMPSON FALLS	598730000													
00006	UNITED STATES ANTIMONY CORPORATION		3339	144	11	605.0	5270.0	8	96		10.1	0.3	1.9	1.6	0.0
0006	10 MILES WEST OF THOMPSON FALL														
	THOMPSON FALLS	59873													
	NUMBER OF PLANTS > 100 TONS PER YEAR										0	0	0	0	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)										35.7	3.4	2.4	1.7	1.0

DATE : 03/20/98 AFS COUNTY POINT SOURCE SUMMARY PGM: AFP649

STATE: 30 MONTANA COUNTY: 091 SHERIDAN CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00001	BEAR PAW ENERGY, INC.		4922	143	13	551.0	5358.1	3	96	0.2	1.1	0.5	0.0	0.3
0001	HC 56 BOX 6070													
	SIDNEY	59270												
	NUMBER OF PLANTS > 100 TONS PER YEAR									0	0	0	0	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)									0.2	1.1	0.5	0.0	0.3

DATE : 03/20/98 AFS COUNTY POINT SOURCE SUMMARY PGM: AFP649

STATE: 30 MONTANA COUNTY: 093 SILVER BOW CO

PLANT	NAME AND ADDRESS	SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00007	BUTTE-SILVER BOW ASPHALT PLANT	1442	142	12	381.7	5094.8	3	97	21.3	0.4	1.1	0.8	0.3
0007	500 CENTENNIAL AVENUE												
	BUTTE 59701												
00008	GILMAN EXCAVATING	2951	142	12	385.3	5096.3	2	96	0.1	0.0	0.1	0.0	0.0
0008	1488 CONTINENTAL												
	BUTTE 59701												
00011	BEAL MOUNTAIN MINE	1041	142	12	354.5	5091.5	18	97	252.0	82.3	130.7	14.0	9.0
0011	1800 FAIRMONT ROAD												
	ANACONDA 597110000												
00005	RHONE-POULENC BASIC CHEMICALS CO.	2819	142	12	370.2	5094.5	28	97	2.5	0.0	0.0	0.0	0.0
0005	NEAR RAMSAY												
	SILVER BOW 59750												
00009	MONTANA RESOURCES	1021	142	12	383.2	5096.6	23	97	2497.0	357.3	445.2	48.7	29.0
0009	600 SHIELDS AVENUE												
	BUTTE 59701												
00013	MSE - WETO SITE	8733	142	12	382.3	5087.1	5	97	0.0	0.0	0.8	0.0	0.0
0013	BUTTE INDUSTRIAL PARK												
	BUTTE 59702												
00014	MAGNUM CONTAINER AND RECYCLING	5085	142	12	385.8	5095.3	5	97	0.0	0.0	0.2	0.0	10.6
0014	NE1/4, SEC. 20, T3N, R7W												
	BUTTE 59701												
	NUMBER OF PLANTS > 100 TONS PER YEAR								2	1	2	0	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)								2772.9	440.0	578.1	63.5	48.9

DATE : 03/20/98 AFS COUNTY POINT SOURCE SUMMARY PGM: AFP649

STATE: 30 MONTANA COUNTY: 095 STILLWATER CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00002	STILLWATER MINING CO. SMELTER		3339	140	12	637.5	5054.8	1	97	0.0	0.0	0.2	3.1	0.0
0002	P.O. BOX 1209													
	COLUMBUS	59019												
00001	STILLWATER MINING COMPANY		1099	140	12	588.0	5026.0	11	97	93.8	95.3	104.7	11.4	10.9
0001	HC 54, BOX 365													
	NYE	59061												
00004	EQUITABLE RESOURCES ENERGY - LAKE		4922	140	0	0.0	0.0	3	96	0.1	0.2	29.1	0.0	2.5
0004	NW1/4,NE1/4,SEC. 14,T1N,R21E													
	MOLT	59057												
	NUMBER OF PLANTS > 100 TONS PER YEAR									0	0	1	0	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)									93.9	95.5	134.0	14.5	13.4

DATE : 03/20/98 AFS COUNTY POINT SOURCE SUMMARY PGM: AFP649

STATE: 30 MONTANA COUNTY: 099 TETON CO

PLANT	NAME AND ADDRESS	SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00001	GYPSY HIGHVIEW GATHERING SYSTEMS	1311	141	12	397.6	5331.6	7	97	0.0	1.0	5.2	0.0	0.2
0001	5 MILES NORTH OF PENDROY												
	PENDROY 59467												
00002	BUSCH AGRICULTURAL - FAIRFIELD ELE	5153	141	12	426.1	5273.5	3	97	47.6	0.0	0.0	0.0	0.0
0002	233 WEST MAIN P.O. BOX 697												
	FAIRFIELD 59436												
	NUMBER OF PLANTS > 100 TONS PER YEAR								0	0	0	0	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)								47.6	1.0	5.2	0.0	0.2

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STATE: 30 MONTANA COUNTY: 109 WIBAUX CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00001	SWEPI - S. PINE GCF		1311	143	13	535.4	5174.3	2	97		0.0	0.0	0.4	12.7	14.0
0001	SEC. 10, T11N, R57E														
	BAKER	593131324													
00002	SWEPI - S. PINE ENGINE		1311	143	13	536.6	5170.9	1	97		0.5	29.0	4.4	3.0	10.7
0002	SEC. 23, T11N, R57E														
	BAKER	59313													
	NUMBER OF PLANTS > 100 TONS PER YEAR										0	0	0	0	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)										0.5	29.0	4.8	15.7	24.7

DATE : 03/20/98 AFS COUNTY POINT SOURCE SUMMARY PGM: AFP649

STATE: 30 MONTANA COUNTY: 111 YELLOWSTONE CO

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
00023	YELLOWSTONE ENERGY LIMITED PARTNER		4911	140	12	700.1	5076.3	5	97		61.8	56.8	524.0	1957.6	9.5
0023	2215 N. FRONTAGE ROAD														
	BILLINGS	591017307													
00018	SCHESSLER READY MIX		3273	140	12	673.1	5059.3	1	97		1.4	0.0	0.0	0.0	0.0
0018	603 RAILROAD STREET														
	LAUREL	59044													
00022	R.L. SCHAFF CONCRETE		3273	140	12	706.1	5086.9	2	97		0.1	0.0	0.0	0.0	0.0
0022	5444 CHICAGO ROAD														
	BILLINGS	59105													
00002	JTL GROUP, INC.		2951	140	12	686.0	5069.0	3	97		8.6	0.0	0.0	0.0	0.0
0002	SHILO RD & KING AVE WEST														
	BILLINGS	59107													
00007	WESTERN SUGAR		2063	140	12	694.6	5070.2	13	97		228.7	205.7	348.9	184.7	14.7
0007	3020 STATE AVE														
	BILLINGS	59101													
00010	EMPIRE SAND & GRAVEL COMPANY		1611	140	12	701.0	5081.5	2	97		0.7	0.1	0.6	6.6	0.0
0010	PIONEER ROAD, 5 MILES NE BLGS														
	BILLINGS	59103													
00011	CONOCO		2911	140	12	695.0	5072.7	35	97		275.8	178.1	771.0	688.1	860.0
0011	401 S 23RD ST														
	BILLINGS	59103													
00012	CENEX		2911	140	12	674.0	5058.0	50	97		179.6	229.2	1001.8	3376.8	831.0
0012	US 212, SOUTH OF LAUREL														
	LAUREL	59044													
00013	EXXON CO USA		2911	140	12	699.5	5076.5	19	97		415.4	93.9	732.5	5775.1	1459.1
0013	700 EXXON ROAD														
	BILLINGS	59101													
00014	MONTANA SULFUR & CHEMICAL		2819	140	12	700.0	5076.0	7	97		1.2	341.2	14.1	4058.2	0.2
0014	EAST FRONTAGE ROAD														
	BILLINGS	59103													
00015	MPC - J.E. CORETTE PLANT		4911	140	12	695.9	5071.9	5	97		489.1	148.9	1263.0	1924.7	17.2
0015	PO BOX 30495														
	BILLINGS	59107													
00006	CEREAL FOOD PROCESSORS, INC.		2041	140	12	693.3	5071.8	8	97		31.4	0.0	0.2	0.0	0.0
0006	3601 FIRST AVE. SOUTH														
	BILLINGS	59101													
00024	EXXON BULK TERMINAL		5171	140	12	700.0	5076.0	3	97		0.0	0.0	0.0	0.0	5.0
0024	607 EXXON ROAD														
	BILLINGS	59101													
	NUMBER OF PLANTS > 100 TONS PER YEAR										5	5	6	7	3
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)										1693.8	1253.9	4656.1	17971.8	3196.7

STATE: 30 MONTANA COUNTY: 777 PORTABLE SOURCE

PLANT	NAME AND ADDRESS	SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
02715	PORTABLE, INC.	1442	142	0	0.0	0.0	3	97		5.9	0.2	1.1	0.0	0.0
2715	1989 TORGERSON IMPACT CRUSHER													
	PORTABLE 59715													
02735	BLAHNIK CONSTRUCTION, INC.	2951	142	0	0.0	0.0	3	97		0.4	0.1	0.4	0.0	0.0
2735	92 ASPH DRUM B834-P #DM 249-92													
	PORTABLE 59840													
02744	MONTANA MATERIALS	1442	142	0	0.0	0.0	3	97		37.6	0.0	0.0	0.0	0.0
2744	68 EAGLE JAW-52 TELESMITH CONE													
	PORTABLE 60 SYMONS CON 59701													
02746	T-BEND CONSTRUCTION	2951	142	0	0.0	0.0	3	97		2.1	0.0	0.2	0.0	0.0
2746	1965 CEDAR RAPIDS ASPHALT													
	PORTABLE 59937													
00181	DEER LODGE COUNTY	2951	142	0	0.0	0.0	2	96		0.2	0.0	0.0	0.0	0.0
0181	? BARBER GREENE 840													
	PORTABLE 59711													
01662	BALTRUSCH, INC.	2951	142	0	0.0	0.0	2	97		0.2	0.3	0.3	0.7	0.2
1662	STNDRD STL HOT PLT SE5000 #531													
	PORTABLE 59501													
02170	FRANZ CONSTRUCTION COMPANY	2951	142	0	0.0	0.0	3	97		16.8	0.3	1.0	2.4	0.2
2170	? PIONEER BATCH PLANT #4B201													
	PORTABLE 59270													
02382	DEER LODGE ASPHALT, INC.	2951	142	0	0.0	0.0	1	97		5.7	0.2	0.0	0.0	0.0
2382	60 PIONEER MODEL 51 #54D8333													
	PORTABLE 59722													
02523	GALLATIN COUNTY RD. DEPT.	1442	142	0	0.0	0.0	2	97		2.4	0.3	1.4	0.0	0.0
2523	PORTABLE CRUSHER													
	PORTABLE 59715													
02526	CENTURY CONSTRUCTION	2951	142	0	0.0	0.0	2	97		4.7	0.2	0.6	0.0	0.0
2526	56 PNR 6' X 40' #375-DDC-120													
	PORTABLE 59457													
02527	CENTURY CONSTRUCTION	2951	142	0	0.0	0.0	2	97		2.8	0.0	0.4	0.0	0.0
2527	86 AEDCO 6628 #2726													
	PORTABLE 59457													
02529	KONITZ CONTRACTING, INC.	1442	142	0	0.0	0.0	3	97		3.2	2.3	10.7	0.7	0.7
2529	65 SYMONS CONE CRUSHER #40559													
	PORTABLE 59457													
02533	TREASURE STATE CONSTRUCTION	1442	142	0	0.0	0.0	3	97		2.1	0.7	3.2	0.2	0.2
2533	86 EL JAY 1313 CONE CRUSHER													
	POLSON 598064027													
02534	EMPIRE SAND & GRAVEL CO.	2951	142	0	0.0	0.0	3	97		4.6	8.7	22.5	74.3	5.3
2534	80 BOEING MS-400 #569-400													
	PORTABLE 59103													
02535	EMPIRE SAND & GRAVEL	1442	142	0	0.0	0.0	4	97		10.8	5.1	23.4	1.5	1.6
2535	TWO-1995 NORDBERG CONE CRUSHER													
	ASSORTED EQUIPMENT PORT 591031215													
02537	MONTGOMERY CONSTRUCTION	1442	142	0	0.0	0.0	3	97		0.9	0.8	3.9	0.2	0.2
2537	58 CR 443 COMMNDR DUPLX #17918													

STATE: 30 MONTANA COUNTY: 777 PORTABLE SOURCE

PLANT	NAME AND ADDRESS	SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
02541	A-1 PAVING, INC.	2951	142	0	0.0	0.0	5	97	33.7	6.8	6.5	0.5	0.0
2541	NW1/4 SEC. 22 T29N R21W FLATHD												
	PORTABLE 59901												
02542	GILMAN EXCAVATING	2951	142	0	0.0	0.0	3	96	1.7	16.9	64.6	11.1	6.8
2542	79 BG DM-65 8'X30' #DM65X247												
	PORTABLE 59701												
02543	GILMAN EXCAVATING, INC.	2951	142	0	0.0	0.0	3	96	4.5	17.0	64.9	11.1	6.9
2543	3105 KASSUTH												
	BUTTE 59701												
02545	GILMAN EXCAVATING	1442	142	0	0.0	0.0	6	96	23.6	5.1	23.6	1.5	1.6
2545	88 CR 22 X 48 JAW #40915												
	1986 EL JAY 54" CONE #58 59701												
02551	WEAVER GRAVEL INC.	1442	142	0	0.0	0.0	3	97	1.0	0.7	3.5	0.2	0.2
2551	65 AW 101SE ROLL 20X30 #464959												
	PORTABLE 59912												
02552	JOHNSON BROTHERS CONTRACTING	1442	142	0	0.0	0.0	2	96	0.3	0.2	1.1	0.0	0.0
2552	50 PNR 35S, #35SH4-JAW												
	PORTABLE 59802												
02555	STS GRAVEL	1442	142	0	0.0	0.0	3	97	0.4	0.1	0.7	0.0	0.0
2555	46 CEDAR RAPIDS TANDEM #25440												
	PORTABLE 59047												
02559	FIKE CRUSHING	1442	142	0	0.0	0.0	3	97	8.2	1.7	8.2	0.5	0.5
2559	78 EL JAY 36" #04-CV												
	PORTABLE 58341												
02561	RIVERSIDE CONTRACTING	2951	142	0	0.0	0.0	4	97	8.8	11.9	44.8	8.1	4.9
2561	83 CEDAR RAPIDS 8828 #ADM28852												
	PORTABLE 59801												
02564	BLAHNIK CONSTRUCTION, INC.	2951	142	0	0.0	0.0	3	97	0.6	0.0	0.0	0.0	0.0
2564	88 ADM S1B6026P DRUM #DM17388												
	PORTABLE 59840												
02566	EMPIRE SAND & GRAVEL	1442	142	0	0.0	0.0	4	97	13.9	13.8	63.5	4.2	4.3
2566	88 BARMAC, 1995 NORDBERG												
	CRUSHERS & ASSORTED EQUI 591031215												
02569	PRINCE, INC.	2951	142	0	0.0	0.0	3	97	2.1	8.2	4.4	0.5	0.0
2569	86 BOEING 300R #654-4												
	PORTABLE 593010368												
02570	FIGGINS SAND & GRAVEL,INC	1442	142	0	0.0	0.0	5	97	35.9	0.0	0.0	0.0	0.0
2570	SEC. 7, T1S, R5E, GALLATIN												
	PORTABLE 59715												
02572	WOODRING'S CONSTRUCTION	1442	142	0	0.0	0.0	3	97	1.5	0.0	0.2	0.0	0.0
2572	43 CEDAR RAPIDS JAW & ROLL CRS												
	PORTABLE 59901												
02576	PRINCE, INC.	1442	142	0	0.0	0.0	3	97	8.4	4.6	21.3	1.4	1.4
2576	69 EL JAY 54" CONE #41F0678												
	PORTABLE 59327												
02577	FISHER SAND & GRAVEL	1442	142	0	0.0	0.0	4	97	16.1	1.9	8.9	0.5	0.6
2577	86 PIONEER 20 X 36 #KNWN-3306												

STATE: 30 MONTANA COUNTY: 777 PORTABLE SOURCE

PLANT	NAME AND ADDRESS	SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
02581	FISHER SAND & GRAVEL	1442	142	0	0.0	0.0	4	97		12.9	1.1	5.1	0.3	0.3
2581	78 KUEKEN20X36 90 #909687 1367													
	PORTABLE 58601													
02584	FISHER SAND & GRAVEL	1442	142	0	0.0	0.0	3	97		16.1	1.7	7.9	0.5	0.5
2584	86 AC MODEJ 500 #C-52545													
	PORTABLE 58601													
02585	FISHER SAND & GRAVEL	1442	142	0	0.0	0.0	4	97		13.4	1.1	5.1	0.3	0.3
2585	86 AC MODEJ 500 #53009													
	PORTABLE 59330													
02587	FISHER SAND & GRAVEL	1442	142	0	0.0	0.0	4	97		12.1	0.8	3.9	0.2	0.2
2587	88 BARMAC 39"9600 #CP31462888													
	PORTABLE 58601													
02595	JEFFERSON COUNTY	1442	142	0	0.0	0.0	2	97		0.0	0.0	0.2	0.0	0.0
2595	72 HEWTT RBBNS COMMNDR #19-720													
	PORTABLE 59632													
02596	H.L. OSTERMILLER CONSTRUCTION INC.	2951	142	12	698.5	5080.5	3	97		0.5	2.6	0.4	0.5	0.2
2596	88 ACS/AEDCO 6628 #3514-6628													
	PORTABLE 59105													
02598	CENTENNIAL CONCRETE, INC.	1442	142	0	0.0	0.0	3	97		1.6	0.2	1.1	0.0	0.0
2598	52 CR MASTER TANDEM #12768													
	40" X 22" ROLL CRUSHER 59701													
02599	MICKELSON ROCK PRODUCTS	1442	142	0	0.0	0.0	2	97		0.5	0.0	0.0	0.0	0.0
2599	78 DIAMOND JAW/ROLL CRUSHER													
	PORTABLE 59802													
02605	SHUMAKER TRUCKING & EXCAV	1442	142	0	0.0	0.0	3	97		0.6	0.1	0.7	0.0	0.0
2605	85 HUMBOLT WEDAG IMP #46201281													
	PORTABLE 59403													
02615	LHC, INC.	1442	142	0	0.0	0.0	3	97		0.6	0.0	0.0	0.0	0.0
2615	1950 PIONEER JAW CRUSHER													
	PORTABLE, S#526X42 59904													
02623	SCHELLINGER CONSTRUCTION CO	1442	142	0	0.0	0.0	3	97		5.4	2.1	9.8	0.6	0.6
2623	76 PNR 50 VE DUPLEX #50-VE-217													
	PORTABLE/GRAVEL CRUSHER 59912													
02624	SCHELLINGER CONSTRUCTION	1442	142	0	0.0	0.0	3	97		24.3	10.2	47.1	3.1	3.2
2624	76 PNR 50 VE DUPLES #50-VE-240													
	PORTABLE 59912													
02626	PIONEER CONCRETE AND FUEL, INC.	1442	142	0	0.0	0.0	6	97		4.7	0.0	0.2	0.0	0.0
2626	92 PNR JAW CRUSHER #KNWN-3911													
	82 & 86 EL JAY CONE CRUS 59702													
02641	CENTURY CONSTRUCTION	2951	142	0	0.0	0.0	3	97		6.5	2.4	4.6	12.9	1.4
2641	96 CMI UVM-250 DRUM MIX PLANT													
	PORTABLE 59457													
02652	PURCELL CONSTRUCTION	1442	142	0	0.0	0.0	3	97		12.9	0.4	2.1	0.1	0.1
2652	80 CR 443 COMMNDR #1745425640													
	PORTABLE 59068													
02658	RIVERSIDE CONTRACTING	2951	142	0	0.0	0.0	4	97		3.6	4.1	7.6	21.4	2.4
2658	83 CR 8828 DRUM DRYER #38848													

STATE: 30 MONTANA COUNTY: 777 PORTABLE SOURCE

PLANT	NAME AND ADDRESS	SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
02659	FIGGINS SAND & GRAVEL,INC	1442	142	0	0.0	0.0	3	97	3.1	0.5	2.3	0.1	0.1
2659	69 PNR 1036 JAW #CP-40-69 PORTABLE 59715												
02666	RIVERSIDE GRAVEL	1442	142	0	0.0	0.0	1	97	0.1	0.0	0.0	0.0	0.0
2666	30 UNIVERSAL JAW 836 #6041 PORTABLE 59019												
02668	VIC TINDALL CONSTRUCTION	1442	142	0	0.0	0.0	3	97	0.1	0.0	0.0	0.0	0.0
2668	59 PORTEC (PNR) 355S #355S159 PORTABLE 59457												
02673	HELENA SAND & GRAVEL	1442	142	0	0.0	0.0	3	97	12.4	0.0	0.0	0.0	0.0
2673	1994 PIONEER CRUSHER AND 1990 TORGENSON IMPACT CR 59635												
02675	CONDA MINING, INC.	1442	142	0	0.0	0.0	3	97	2.3	1.7	8.2	0.5	0.5
2675	1988 UNIVERSAL IMPACT PORTABLE 59807												
02678	KEM READY MIX	3531	142	0	0.0	0.0	3	97	1.3	0.0	0.2	0.0	0.0
2678	59 CR COMMANDER #19141 1947 UNIVERSAL RBSL #201 59061												
02680	A.M. WELLES	1442	142	0	0.0	0.0	7	97	9.9	0.3	1.6	0.1	0.1
2680	79 PNR 50VE#50VE234 DUPLEX JAW PORTABLE 59745												
02690	H.L. OSTERMILLER CONSTRUCTION	1442	142	12	698.5	5080.5	3	97	9.0	0.1	0.7	0.0	0.0
2690	52 CR MASTER TANDEM #13013 PORTABLE CRUSHER 59105												
02691	A.M. WELLES, INC.	1442	142	0	0.0	0.0	4	97	0.4	0.0	0.2	0.0	0.0
2691	54 AUSTIN-WESTERN JAW CRUSHER PORTABLE 59745												
02693	WIBAUX COUNTY	1442	142	0	0.0	0.0	3	97	0.8	0.0	0.2	0.0	0.0
2693	60 PNR JAW CRUSHER #CP-18-1 PORTABLE 59353												
02695	BILL DENGEL CONSTRUCTION	1442	142	0	0.0	0.0	3	97	5.6	1.3	6.3	0.4	0.4
2695	90 EL JAY, #34 C1690 1991 EL JAY, #54-6-16-10 59457												
02696	CASINO CREEK CONCRETE INC.	1442	142	0	0.0	0.0	6	97	5.9	0.0	0.0	0.0	0.0
2696	50 DIAMOND JAW CRUSHER PORTABLE 59457												
02751	CONDA MINING, INC.	1442	142	0	0.0	0.0	3	97	7.0	1.7	8.2	0.5	0.5
2751	76 PNR 35X46 JAW S/N 3546-139 PORTABLE 59807												
02586	FISHER SAND & GRAVEL	1442	142	0	0.0	0.0	4	97	13.3	1.0	4.9	0.3	0.3
2586	86 AC MODEJ 500 #C53011 PORTABLE 58601												
02601	MALTA READY MIX	1442	142	0	0.0	0.0	3	97	0.3	0.0	0.2	0.0	0.0
2601	56 PNR 10X24 JAW #T-1274 PORTABLE 59538												
02689	MC ELROY & WILKEN, INC.	1442	142	0	0.0	0.0	2	97	10.0	0.0	0.0	0.0	0.0
2689	86 KHD HMBLT WEDAG B #4620128												

STATE: 30 MONTANA COUNTY: 777 PORTABLE SOURCE

PLANT	NAME AND ADDRESS	SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
02852	J&J EXCAVATING AND TRUCKING	1442	142	0	0.0	0.0	3	97	1.1	0.1	0.7	0.0	0.0
2852	54 PIONEER, 46-VE CRUSHER												
	PORTABLE 59840												
02847	FISHER SAND & GRAVEL COMPANY	1442	142	0	0.0	0.0	4	97	10.5	0.3	1.6	0.1	0.1
2847	1990 KUE KEN JAW CRUSHER												
	PORTABLE 58601												
02851	HUDAK EXCAVATION & CONSTRUCTION	1442	142	0	0.0	0.0	2	97	0.0	0.0	0.2	0.0	0.0
2851	'50 CEDAR RAPIDS JAW & ROLL CR												
	PORTABLE 59068												
02844	VOLK SAND & GRAVEL INC.	1442	142	0	0.0	0.0	4	97	7.2	0.2	0.9	0.0	0.0
2844	'61 ALLIS CHALMERS HYDRA CONE												
	PORTABLE 59403												
02870	JENSEN, L.S.	1442	142	11	0.0	0.0	3	97	8.7	0.0	0.0	0.0	0.0
2870	'92 EL JAY AND 1991 EL JAY												
	PORTABLE CONE CRUSH 59801												
02895	BLAHNIK CONSTRUCTION	1442	142	0	0.0	0.0	6	97	29.8	2.1	10.0	0.6	0.6
2895	1994 EL-JAY CONE CRUSHER												
	PORTABLE 59840												
02893	TREASURE STATE CONSTRUCTION	1442	142	0	0.0	0.0	4	97	21.7	0.7	3.2	0.2	0.2
2893	1993 EL-JAY CRUSHER												
	PORTABLE 59860												
02892	TREASURE STATE CONSTRUCTION	1442	142	0	0.0	0.0	4	97	21.7	0.7	3.2	0.2	0.2
2892	1991 EL-JAY CRUSHER												
	PORTABLE 59860												
02876	ABC GRAVEL INC	1442	142	0	0.0	0.0	4	97	7.6	0.1	0.7	0.0	0.0
2876	1958 UNIV JAY/ROLL CRUSHER												
	PORTABLE 59323												
02864	COLEMAN CONSTRUCTION INC	1442	142	0	0.0	0.0	4	97	13.4	0.3	1.6	0.1	0.1
2864	72 UNV JAW CRSR/S-N CONE CRSR												
	PORTABLE 59725												
02902	BALTRUSCH, INC.	1442	142	0	0.0	0.0	4	97	5.7	0.2	1.1	0.0	0.0
2902	1988 EL-JAY 11-45 CONE CRUSHER												
	PORTABLE 59501												
02925	LHC, INC.	1442	142	0	0.0	0.0	4	97	4.8	0.2	0.9	0.0	0.0
2925	1996 ALLIS H-3000 CONE CRUSHER												
	PORTABLE 59904												
02901	K & H CONSTRUCTION L.L.C.	1442	142	0	0.0	0.0	4	97	12.1	0.4	1.8	0.1	0.1
2901	1994 CEDARAPIDS 1300 CN CRUSHR												
	PORTABLE 82721												
02935	RIGHT WAY CONSTRUCTION	1442	142	0	0.0	0.0	4	96	0.8	0.0	0.0	0.0	0.0
2935	NW1/2, SEC.9, TWN 7S, R8W												
	PORTABLE 59725												
02939	TITAN CONSTRUCTION	1442	142	0	0.0	0.0	3	97	1.1	0.0	0.0	0.0	0.0
2939	1965 KOLBERG SCREEN PLANT												
	PORTABLE 59729												
02944	POLSON READY MIX CONCRETE, INC.	3273	142	0	0.0	0.0	6	97	0.4	0.0	0.0	0.0	0.0
2944	SEC. 21, T 19N R25W, SANDERS												

STATE: 30 MONTANA COUNTY: 777 PORTABLE SOURCE

PLANT	NAME AND ADDRESS	SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
02920	DAKTANNA PAVING LIMITED LIABILITY	2951	142	0	0.0	0.0	5	97	5.2	1.5	4.5	0.3	0.2
2920	1955 PARALLEL FLOW DRUM MIX												
	PORTABLE 58078												
02916	FISHER SAND & GRAVEL	1442	142	0	0.0	0.0	3	97	13.8	0.0	0.0	0.0	0.0
2916	1984 SPOKANE IMPACT CRUSHER												
	PORTABLE 58602												
02917	FISHER SAND & GRAVEL	1442	142	0	0.0	0.0	3	97	11.2	0.0	0.0	0.0	0.0
2917	1988 EAGLE JUMBO IMPACTOR CRSH												
	PORTABLE 58602												
02921	A.M. WELLES, INC.	1442	142	0	0.0	0.0	4	97	34.0	1.9	8.9	0.5	0.6
2921	1995 CEDARAPIDS 1313 CONE CRSH												
	PORTABLE 59745												
02960	BATES CONSTRUCTION, INC.	1442	142	0	0.0	0.0	4	97	8.6	0.1	0.4	0.0	0.0
2960	SEC. 9&10, T3S, R4E, GALLATIN												
	PORTABLE 59730												
02961	DICKMAN EXCAVATING	1442	142	0	0.0	0.0	5	97	0.4	0.0	0.0	0.0	0.0
2961	NW1/4 SE1/4 SEC. 34 T20 R4E												
	PORTABLE 59405												
02941	MONTANA SAND & GRAVEL	1442	142	0	0.0	0.0	5	97	24.9	0.0	0.0	0.0	0.0
2941	NW1/4 SE1/4 SEC. 16 T20N R4E												
	PORTABLE 594031690												
02977	HK CONTRACTORS, INC	2951	142	0	0.0	0.0	5	97	106.5	0.7	1.8	0.9	0.4
2977	VARIOUS IN WESTERN MONTANA												
	PORTABLE 83405												
02978	JTL GROUP, INC.	1442	142	0	0.0	0.0	5	97	130.5	0.0	0.0	0.0	0.0
2978	SW1/4,NW1/4,SEC. 36, T13N,R19W												
	MISSOULA 59806												
02986	J&S CONSTRUCTION, INC.	1442	142	0	0.0	0.0	3	97	0.8	0.0	0.2	0.0	0.0
2986	'68 CEDAR RAPIDS JAW&ROLL CRSH												
	PORTABLE 59714												
02819	SAPPHIRE PRE-MIX, INC.	3531	142	0	0.0	0.0	5	97	3.2	0.0	0.0	0.0	0.0
2819	967 OLD CORVALLIS RD												
	CORVALLIS 59828												
02958	RON LEWIS GRAVEL	1442	142	0	0.0	0.0	4	97	1.0	0.0	0.2	0.0	0.0
2958	SEC.13,T2N,R21W, RAVALLI CNTY												
	PORTABLE 59840												
02985	PARADISE ROCK, INC.	2951	142	0	0.0	0.0	5	97	2.9	8.8	39.8	2.6	2.7
2985	SEC.4,T21N,R29W, SANDERS CNTY												
	PORTABLE 59873												
02988	SUTTON CONSTRUCTION SERVICES, INC.	1442	142	0	0.0	0.0	3	97	1.0	0.0	0.2	0.0	0.0
2988	1979 EL-JAY CONE CRUSHER												
	PORTABLE 59803												
02980	N.A. DEGERSTROM, INC.	1442	142	0	0.0	0.0	7	97	19.1	2.8	11.0	0.0	0.2
2980	SEC.9,T7N,R4W,JEFFERSON COUNTY												
	PORTABLE 99210												
02984	JIM CLARK & SONS CONTRACTING	1442	142	0	0.0	0.0	5	97	7.9	0.1	0.4	0.0	0.0
2984	SEC31.,T8N,R20W, RAVALLI CNTY												

DATE : 03/20/98 AFS COUNTY POINT SOURCE SUMMARY PGM: AFP649

STATE: 30 MONTANA COUNTY: 777 PORTABLE SOURCE

PLANT	NAME AND ADDRESS		SIC	AQC	UTZ	UTMH	UTMV	TOTAL # OF POINTS	YR	PT	CO	NO2	SO2	VOC
02971	HALL SAND AND GRAVEL		1442	142	0	0.0	0.0	8	97	0.1	0.0	0.2	0.0	0.0
2971	333 LOWER WILLOW CREEK ROAD													
	HALL	59837												
02990	STEVE & KENDALL WARD		1442	142	0	0.0	0.0	5	97	1.4	0.0	0.9	0.0	0.0
2990	SEC. 6, T30N, RANGE 30W													
	PORTABLE	59923												
	NUMBER OF PLANTS > 100 TONS PER YEAR									3	0	0	0	0
	TOTAL COUNTY POINT SOURCE EMISSIONS (TONS/YR)									1237.8	234.7	699.5	194.3	60.3

APPENDIX C: HISTORICAL MONITORING SUMMARY

SITE NUMBER		PARAMETER	SITE ADDRESS	COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
001	0001	TSP	BEAVERHEAD CO COURTHOUSE ROOF,TENDOY ST DILLON	BEAVERHEAD CO	198401	198612
001	0002	TSP	STEFANICH RANCH	BEAVERHEAD CO	197301	197312
001	0002	CADMIUM (TSP)	STEFANICH RANCH	BEAVERHEAD CO	197301	197312
001	0002	LEAD (TSP)	STEFANICH RANCH	BEAVERHEAD CO	197301	197312
001	0002	ZINC (TSP)	STEFANICH RANCH	BEAVERHEAD CO	197301	197312
001	0006	TSP	MONIOAR STAR ROUTE LIMA MT 59739	BEAVERHEAD CO	198101	198212
003	0001	TSP	HARDIN MDU,NE CORNER OF ROOF,15 E 4TH ST HARDIN	BIG HORN CO	197201	197312
003	0001	BENZENE SOL ORG (TSP)	HARDIN MDU,NE CORNER OF ROOF,15 E 4TH ST HARDIN	BIG HORN CO	197201	197312
003	0001	CADMIUM (TSP)	HARDIN MDU,NE CORNER OF ROOF,15 E 4TH ST HARDIN	BIG HORN CO	197201	197312
003	0001	LEAD (TSP)	HARDIN MDU,NE CORNER OF ROOF,15 E 4TH ST HARDIN	BIG HORN CO	197201	197312
003	0001	ZINC (TSP)	HARDIN MDU,NE CORNER OF ROOF,15 E 4TH ST HARDIN	BIG HORN CO	197201	197312
003	0008	TSP	CARLAT RANCH	BIG HORN CO	197201	197412
003	0008	CADMIUM (TSP)	CARLAT RANCH	BIG HORN CO	197201	197412
003	0008	LEAD (TSP)	CARLAT RANCH	BIG HORN CO	197201	197412
003	0008	ZINC (TSP)	CARLAT RANCH	BIG HORN CO	197201	197412
003	0009	TSP	THOMAS RANCH (MORTON RESIDENCE), DECKER	BIG HORN CO	197401	198112
003	0009	NITRATE (TSP)	THOMAS RANCH (MORTON RESIDENCE), DECKER	BIG HORN CO	197601	197712
003	0009	NITRATE (TSP)	THOMAS RANCH (MORTON RESIDENCE), DECKER	BIG HORN CO	197701	197712
003	0009	SULFATE (TSP)	THOMAS RANCH (MORTON RESIDENCE), DECKER	BIG HORN CO	197601	197712
003	0010	TSP	WARREN RANCH, HARDIN MT	BIG HORN CO	197501	198012
003	0011	TSP	DECKER COAL #1 DECKER MT	BIG HORN CO	197901	199206
003	0011	PM10	DECKER COAL #1 DECKER MT	BIG HORN CO	199207	
003	0012	TSP	DECKER COAL #2 DECKER MT	BIG HORN CO	197901	199104
003	0012	TEMPERATURE	DECKER COAL #2 DECKER MT	BIG HORN CO	198101	199406
003	0012	DEW POINT	DECKER COAL #2 DECKER MT	BIG HORN CO	198101	198212
003	0012	BAROMETRIC PRESSURE	DECKER COAL #2 DECKER MT	BIG HORN CO	198101	198112
003	0012	RAIN/MELT PRECIP.	DECKER COAL #2 DECKER MT	BIG HORN CO	198101	198512
003	0013	TSP	DECKER COAL #3 DECKER MT	BIG HORN CO	197901	199206
003	0013	PM10	DECKER COAL #3 DECKER MT	BIG HORN CO	199206	199308
003	0014	TSP	DECKER COAL #4 DECKER MT	BIG HORN CO	197901	199205
003	0014	PM10	DECKER COAL #4 DECKER MT	BIG HORN CO	199206	
003	0015	TSP	DECKER COAL #8, WIND STATION	BIG HORN CO	197901	198112
003	0015	WIND SPEED	DECKER COAL #8, WIND STATION	BIG HORN CO	198001	199406
003	0015	WIND DIRECTION	DECKER COAL #8, WIND STATION	BIG HORN CO	198001	199406
003	0016	TSP	DECKER COAL #6 DECKER MT	BIG HORN CO	197901	198212
003	0016	TSP	DECKER COAL #6 DECKER MT	BIG HORN CO	198201	198212
003	0016	TSP	DECKER COAL #6 DECKER MT	BIG HORN CO	198201	198312
003	0017	TSP	DECKER COAL #7 DECKER MT	BIG HORN CO	197901	199206
003	0017	PM10	DECKER COAL #7 DECKER MT	BIG HORN CO	199207	
003	0018	TSP	SPRING CREEK COAL, SITE #1, DECKER, MT	BIG HORN CO	198201	199012
003	0018	TSP	SPRING CREEK COAL, SITE #1, DECKER, MT	BIG HORN CO	198201	199206
003	0018	WIND SPEED	SPRING CREEK COAL, SITE #1, DECKER, MT	BIG HORN CO	198201	
003	0018	WIND DIRECTION	SPRING CREEK COAL, SITE #1, DECKER, MT	BIG HORN CO	198201	
003	0018	STD DEV HZ WND DIR	SPRING CREEK COAL, SITE #1, DECKER, MT	BIG HORN CO	199309	
003	0018	TEMPERATURE	SPRING CREEK COAL, SITE #1, DECKER, MT	BIG HORN CO	198201	
003	0018	RAIN/MELT PRECIP.	SPRING CREEK COAL, SITE #1, DECKER, MT	BIG HORN CO	198501	198512
003	0018	PM10	SPRING CREEK COAL, SITE #1, DECKER, MT	BIG HORN CO	199206	

SITE NUMBER		PARAMETER	SITE ADDRESS	COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
003	0019	TSP	SPRING CREEK #2 DECKER MT	BIG HORN CO	198201	199206
003	0019	PM10	SPRING CREEK #2 DECKER MT	BIG HORN CO	199206	
003	0020	TSP	SPRING CREEK #3 DECKER MT	BIG HORN CO	198201	199206
003	0020	PM10	SPRING CREEK #3 DECKER MT	BIG HORN CO	199206	
003	0021	TSP	DECKER COAL #5, DECKER, MT	BIG HORN CO	198201	198312
003	0021	TSP	DECKER COAL #5, DECKER, MT	BIG HORN CO	198201	199012
003	0021	TSP	DECKER COAL #5, DECKER, MT	BIG HORN CO	198301	199206
003	0021	PM10	DECKER COAL #5, DECKER, MT	BIG HORN CO	199206	
003	0022	PM10	NINER RANCH, NORTH DECKER MINE	BIG HORN CO	199309	
003	0025	TSP	WESTMORELAND,ABSALOKA MINE #2, HARDIN	BIG HORN CO	198001	199109
003	0025	WIND SPEED	WESTMORELAND,ABSALOKA MINE #2, HARDIN	BIG HORN CO	198001	198412
003	0025	WIND DIRECTION	WESTMORELAND,ABSALOKA MINE #2, HARDIN	BIG HORN CO	198001	198412
003	0025	TEMPERATURE	WESTMORELAND,ABSALOKA MINE #2, HARDIN	BIG HORN CO	198104	198412
003	0027	TSP	WESTMORELAND,ABSALOKA MINE #3, HARDIN	BIG HORN CO	198001	198312
003	0028	TSP	WESTMORELAND, ABSALOKA MINE #5, HARDIN	BIG HORN CO	198001	199109
003	0028	TSP	WESTMORELAND, ABSALOKA MINE #5, HARDIN	BIG HORN CO	198201	199012
003	0028	PM10	WESTMORELAND, ABSALOKA MINE #5, HARDIN	BIG HORN CO	199110	
003	0029	TSP	WESTMORELAND, ABSALOKA MINE #6, HARDIN	BIG HORN CO	198001	199109
003	0029	PM10	WESTMORELAND, ABSALOKA MINE #6, HARDIN	BIG HORN CO	199110	199412
003	0030	TSP	WESTMORELAND,ABSALOKA MINE #7, HARDIN	BIG HORN CO	198001	198312
003	0031	PM10	SAND ROCK, ABSALOKA MINE, 30 MI E HARDIN	BIG HORN CO	199501	
003	0035	TSP	WESTMORELAND,ABSALOKA MINE #10, HARDIN	BIG HORN CO	198001	198312
003	0036	TSP	WESTMORELAND, ABSALOKA MINE #7, HARDIN	BIG HORN CO	198301	199109
003	0036	PM10	WESTMORELAND, ABSALOKA MINE #7, HARDIN	BIG HORN CO	199110	
003	0039	TSP	BUSBY MT	BIG HORN CO	198201	198312
003	0039	SIZE FRACTINTD PARTI	BUSBY MT	BIG HORN CO	198201	198312
003	0040	TSP	BUSBY MONTANA	BIG HORN CO	198401	198812
003	0041	TSP	CROW AGENCY MONTANA	BIG HORN CO	198501	198612
003	0042	TSP	LODGE GRASS CITY PARK	BIG HORN CO	198501	198812
003	0042	TSP	LODGE GRASS CITY PARK	BIG HORN CO	198611	198812
003	0043	WIND SPEED	CROW DNR BUILDING 1 1/2 MI SO OF CROW AG	BIG HORN CO	198401	198512
003	0043	WIND DIRECTION	CROW DNR BUILDING 1 1/2 MI SO OF CROW AG	BIG HORN CO	198401	198512
003	0043	TEMPERATURE	CROW DNR BUILDING 1 1/2 MI SO OF CROW AG	BIG HORN CO	198401	198512
003	0044	SULFATION RATE	HARDIN - CROW #7	BIG HORN CO	198612	198812
003	0045	TSP	CROW - PRYOR CLINIC	BIG HORN CO	198701	198812
003	0046	WIND SPEED	DECKER WEST, WEST DECKER MINE	BIG HORN CO	199407	
003	0046	WIND DIRECTION	DECKER WEST, WEST DECKER MINE	BIG HORN CO	199407	
003	0046	STD DEV HZ WND DIR	DECKER WEST, WEST DECKER MINE	BIG HORN CO	199407	
003	0046	TEMPERATURE	DECKER WEST, WEST DECKER MINE	BIG HORN CO	199407	
005	0001	TSP	CAMPCRIER, TOP OF CAMPCRIER BUILDING	BLAINE CO	198201	198812
005	0001	TSP	CAMPCRIER, TOP OF CAMPCRIER BUILDING	BLAINE CO	198201	198907
005	0001	WIND SPEED	CAMPCRIER, TOP OF CAMPCRIER BUILDING	BLAINE CO	198101	198906
005	0001	WIND DIRECTION	CAMPCRIER, TOP OF CAMPCRIER BUILDING	BLAINE CO	198101	198906
005	0002	TSP	HAYS FORESTRY SHOP, HAYS	BLAINE CO	198301	199112
005	0002	WIND SPEED	HAYS FORESTRY SHOP, HAYS	BLAINE CO	199210	199307
005	0002	WIND DIRECTION	HAYS FORESTRY SHOP, HAYS	BLAINE CO	199210	199307
005	0002	PM10	HAYS FORESTRY SHOP, HAYS	BLAINE CO	199001	199307

SITE NUMBER	PARAMETER	SITE ADDRESS		COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
007 0001	TSP	CONTINENTAL LIME,INDIAN CREEK #7		BROADWATER CO	198301	198312
007 0004	TSP	INDIAN CREEK MET STATION, TOWNSEND		BROADWATER CO	198301	198412
007 0004	WIND SPEED	INDIAN CREEK MET STATION, TOWNSEND		BROADWATER CO	199009	
007 0004	WIND DIRECTION	INDIAN CREEK MET STATION, TOWNSEND		BROADWATER CO	199009	
007 0004	STD DEV HZ WND DIR	INDIAN CREEK MET STATION, TOWNSEND		BROADWATER CO	199009	
007 0004	TEMPERATURE	INDIAN CREEK MET STATION, TOWNSEND		BROADWATER CO	199009	
007 0005	TSP	CONTINENTAL LIME,INDIAN CREEK #4		BROADWATER CO	198301	198412
007 0008	PM10	CONTINENTAL LIME-INDIAN CREEK #1-LANDFIL		BROADWATER CO	198910	199612
007 0009	PM10	CONTINENTAL LIME-INDIAN CRK #2-HILLSIDE		BROADWATER CO	198910	
007 0010	PM10	CONTINENTAL LIME-INDIAN CRK #3-QUARRY		BROADWATER CO	198910	199504
007 0011	WIND SPEED	PEGASUS GOLD-DIAMOND HILL SITE #1		BROADWATER CO	198909	199011
007 0011	WIND DIRECTION	PEGASUS GOLD-DIAMOND HILL SITE #1		BROADWATER CO	198909	199011
007 0011	STD DEV HZ WND DIR	PEGASUS GOLD-DIAMOND HILL SITE #1		BROADWATER CO	198909	199011
007 0011	TEMPERATURE	PEGASUS GOLD-DIAMOND HILL SITE #1		BROADWATER CO	198909	199011
007 0011	PM10	PEGASUS GOLD-DIAMOND HILL SITE #1		BROADWATER CO	198909	199011
007 0011	ARSENIC (PM10)	PEGASUS GOLD-DIAMOND HILL SITE #1		BROADWATER CO	199001	199011
007 0011	CADMIUM (PM10)	PEGASUS GOLD-DIAMOND HILL SITE #1		BROADWATER CO	199001	199011
007 0011	CHROMIUM (PM10)	PEGASUS GOLD-DIAMOND HILL SITE #1		BROADWATER CO	199001	199011
007 0011	LEAD (PM10)	PEGASUS GOLD-DIAMOND HILL SITE #1		BROADWATER CO	199001	199011
007 0011	ZINC (PM10)	PEGASUS GOLD-DIAMOND HILL SITE #1		BROADWATER CO	199001	199011
007 0012	WIND SPEED	PEGASUS GOLD-DIAMOND HILL SITE #2		BROADWATER CO	198909	199008
007 0012	WIND DIRECTION	PEGASUS GOLD-DIAMOND HILL SITE #2		BROADWATER CO	198909	199008
007 0012	STD DEV HZ WND DIR	PEGASUS GOLD-DIAMOND HILL SITE #2		BROADWATER CO	198909	199008
007 0012	TEMPERATURE	PEGASUS GOLD-DIAMOND HILL SITE #2		BROADWATER CO	198910	199006
007 0013	SULFUR DIOXIDE	CONTINENTAL LIME-INDIAN CREEK #5,TOWNSND		BROADWATER CO	199304	199609
007 0014	PM10	WHITE PINE GULCH;4 MI W OFF RT 12/287		BROADWATER CO	199504	
011 0001	TSP	CARTER SITE NEAR EKALAKA		CARTER CO	197401	197712
011 0002	TSP	KEN HUTTON RESIDENCE EKALAKA,MONTANA		CARTER CO	197701	197712
011 0002	NITRATE (TSP)	KEN HUTTON RESIDENCE EKALAKA,MONTANA		CARTER CO	197701	197712
011 0002	SULFATE (TSP)	KEN HUTTON RESIDENCE EKALAKA,MONTANA		CARTER CO	197701	197712
013 0007	TSP	CITY-COUNTY HOSPITAL,1130 17TH AVE SO	GREAT FALLS	CASCADE CO	197101	198112
013 0007	BENZENE SOL ORG (TSP)	CITY-COUNTY HOSPITAL,1130 17TH AVE SO	GREAT FALLS	CASCADE CO	197101	197212
013 0007	ARSENIC (TSP)	CITY-COUNTY HOSPITAL,1130 17TH AVE SO	GREAT FALLS	CASCADE CO	197101	197212
013 0007	CADMIUM (TSP)	CITY-COUNTY HOSPITAL,1130 17TH AVE SO	GREAT FALLS	CASCADE CO	197201	197212
013 0007	LEAD (TSP)	CITY-COUNTY HOSPITAL,1130 17TH AVE SO	GREAT FALLS	CASCADE CO	197101	197212
013 0007	ZINC (TSP)	CITY-COUNTY HOSPITAL,1130 17TH AVE SO	GREAT FALLS	CASCADE CO	197201	197212
013 0007	TOTAL DUSTFALL	CITY-COUNTY HOSPITAL,1130 17TH AVE SO	GREAT FALLS	CASCADE CO	197801	198112
013 0007	SULFUR DIOXIDE	CITY-COUNTY HOSPITAL,1130 17TH AVE SO	GREAT FALLS	CASCADE CO	197501	197512
013 0007	SULFATION RATE	CITY-COUNTY HOSPITAL,1130 17TH AVE SO	GREAT FALLS	CASCADE CO	197801	198012
013 0009	TSP	FIRE STATION, 9TH ST & 1ST AVE SOUTH	GREAT FALLS	CASCADE CO	197301	198910
013 0009	TSP	FIRE STATION, 9TH ST & 1ST AVE SOUTH	GREAT FALLS	CASCADE CO	198807	198910
013 0009	NITRATE (TSP)	FIRE STATION, 9TH ST & 1ST AVE SOUTH	GREAT FALLS	CASCADE CO	197801	198212
013 0009	SULFATE (TSP)	FIRE STATION, 9TH ST & 1ST AVE SOUTH	GREAT FALLS	CASCADE CO	197801	198212
013 0009	TOTAL DUSTFALL	FIRE STATION, 9TH ST & 1ST AVE SOUTH	GREAT FALLS	CASCADE CO	197801	198112
013 0009	SULFATION RATE	FIRE STATION, 9TH ST & 1ST AVE SOUTH	GREAT FALLS	CASCADE CO	197801	198012
013 0009	PM10	FIRE STATION, 9TH ST & 1ST AVE SOUTH	GREAT FALLS	CASCADE CO	198807	
013 0009	PM10	FIRE STATION, 9TH ST & 1ST AVE SOUTH	GREAT FALLS	CASCADE CO	198910	199012

SITE NUMBER		PARAMETER	SITE ADDRESS		COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
013	0015	TSP	10TH AVE SOUTH & 9TH STREET	GREAT FALLS	CASCADE CO	197701	197812
013	0015	NITRATE (TSP)	10TH AVE SOUTH & 9TH STREET	GREAT FALLS	CASCADE CO	197801	197812
013	0015	SULFATE (TSP)	10TH AVE SOUTH & 9TH STREET	GREAT FALLS	CASCADE CO	197801	197812
013	0015	TOTAL DUSTFALL	10TH AVE SOUTH & 9TH STREET	GREAT FALLS	CASCADE CO	197801	197912
013	0015	CARBON MONOXIDE	10TH AVE SOUTH & 9TH STREET	GREAT FALLS	CASCADE CO	197701	197912
013	0015	SULFATION RATE	10TH AVE SOUTH & 9TH STREET	GREAT FALLS	CASCADE CO	197801	197812
013	0016	TSP	1100 SMELTER AVE (BLACK EAGLE)		CASCADE CO	197101	197310
013	0016	BENZENE SOL ORG (TSP)	1100 SMELTER AVE (BLACK EAGLE)		CASCADE CO	197101	197212
013	0016	ARSENIC (TSP)	1100 SMELTER AVE (BLACK EAGLE)		CASCADE CO	197101	197212
013	0016	CADMIUM (TSP)	1100 SMELTER AVE (BLACK EAGLE)		CASCADE CO	197101	197212
013	0016	LEAD (TSP)	1100 SMELTER AVE (BLACK EAGLE)		CASCADE CO	197101	197212
013	0016	ZINC (TSP)	1100 SMELTER AVE (BLACK EAGLE)		CASCADE CO	197101	197212
013	0017	TSP	DOWNTOWN, 301 2ND AVE NORTH	GREAT FALLS	CASCADE CO	198001	198812
013	0017	TSP	DOWNTOWN, 301 2ND AVE NORTH	GREAT FALLS	CASCADE CO	198006	199007
013	0017	NITRATE (TSP)	DOWNTOWN, 301 2ND AVE NORTH	GREAT FALLS	CASCADE CO	198201	198212
013	0017	SULFATE (TSP)	DOWNTOWN, 301 2ND AVE NORTH	GREAT FALLS	CASCADE CO	198201	198212
013	0017	PM10	DOWNTOWN, 301 2ND AVE NORTH	GREAT FALLS	CASCADE CO	198501	198712
013	0017	PM10	DOWNTOWN, 301 2ND AVE NORTH	GREAT FALLS	CASCADE CO	198703	198812
013	0018	SULFUR DIOXIDE	FLEET, 1101 SMELTER AVE		CASCADE CO	197201	197212
013	0021	CARBON MONOXIDE	GREAT FALLS FEDERAL, 2425 10TH AVE SOUTH	GREAT FALLS	CASCADE CO	198001	198312
013	0021	WIND SPEED	GREAT FALLS FEDERAL, 2425 10TH AVE SOUTH	GREAT FALLS	CASCADE CO	198301	198312
013	0021	WIND DIRECTION	GREAT FALLS FEDERAL, 2425 10TH AVE SOUTH	GREAT FALLS	CASCADE CO	198301	198312
013	0022	TSP	FRANKLIN SCHOOL, 813 SECOND AVE SW	GREAT FALLS	CASCADE CO	198301	198412
013	0023	SULFUR DIOXIDE	RIVER ROAD & GIANT SPRINGS JUNCTION		CASCADE CO	197301	197312
013	0024	SULFUR DIOXIDE	G F SPEEDWAY CLUBHOUSE (GREAT FALLS)		CASCADE CO	197201	197312
013	0027	TSP	BUILDING SUPPLY BELT, MT		CASCADE CO	197301	197512
013	0028	TSP	BLACKEAGLE POST OFFICE, 1321 SMELTER AVE		CASCADE CO	197401	197512
013	0302	TSP	RESOURCE 89-SALEM PROJECT, N GREATFALLS		CASCADE CO	198001	198112
013	0302	LIGHT SCATTER	RESOURCE 89-SALEM PROJECT, N GREATFALLS		CASCADE CO	198001	198112
013	0302	BERYLLIUM (TSP)	RESOURCE 89-SALEM PROJECT, N GREATFALLS		CASCADE CO	198001	198112
013	0302	ZINC (TSP)	RESOURCE 89-SALEM PROJECT, N GREATFALLS		CASCADE CO	198001	198112
013	0302	SULFATE (TSP)	RESOURCE 89-SALEM PROJECT, N GREATFALLS		CASCADE CO	198001	198112
013	0302	CARBON MONOXIDE	RESOURCE 89-SALEM PROJECT, N GREATFALLS		CASCADE CO	198001	198112
013	0302	SULFUR DIOXIDE	RESOURCE 89-SALEM PROJECT, N GREATFALLS		CASCADE CO	198001	198112
013	0302	NITRIC OXIDE	RESOURCE 89-SALEM PROJECT, N GREATFALLS		CASCADE CO	198001	198112
013	0302	NITROGEN DIOXIDE	RESOURCE 89-SALEM PROJECT, N GREATFALLS		CASCADE CO	198001	198112
013	0302	OXIDES OF NITROGEN	RESOURCE 89-SALEM PROJECT, N GREATFALLS		CASCADE CO	198001	198112
013	0302	OZONE	RESOURCE 89-SALEM PROJECT, N GREATFALLS		CASCADE CO	198001	198112
013	0302	WIND SPEED	RESOURCE 89-SALEM PROJECT, N GREATFALLS		CASCADE CO	198001	198112
013	0302	WIND DIRECTION	RESOURCE 89-SALEM PROJECT, N GREATFALLS		CASCADE CO	198001	198112
013	0302	TEMPERATURE	RESOURCE 89-SALEM PROJECT, N GREATFALLS		CASCADE CO	198101	198112
013	0302	TEMPERATURE DIF	RESOURCE 89-SALEM PROJECT, N GREATFALLS		CASCADE CO	198101	198112
013	0302	SOLAR RADIATION	RESOURCE 89-SALEM PROJECT, N GREATFALLS		CASCADE CO	198001	198112
013	0302	BAROMETRIC PRESSURE	RESOURCE 89-SALEM PROJECT, N GREATFALLS		CASCADE CO	198001	198112
013	1016	TSP	KIWANIS PARK (MAPS STUDY)	GREAT FALLS	CASCADE CO	197801	198212
013	1016	ALUMINUM (TSP)	KIWANIS PARK (MAPS STUDY)	GREAT FALLS	CASCADE CO	197801	197912
013	1016	ARSENIC (TSP)	KIWANIS PARK (MAPS STUDY)	GREAT FALLS	CASCADE CO	197801	198012

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013	1016	CADMIUM (TSP)	KIWANIS PARK (MAPS STUDY)	GREAT FALLS	CASCADE CO	197801	198012
013	1016	CHROMIUM (TSP)	KIWANIS PARK (MAPS STUDY)	GREAT FALLS	CASCADE CO	197901	198012
013	1016	COPPER (TSP)	KIWANIS PARK (MAPS STUDY)	GREAT FALLS	CASCADE CO	197801	198012
013	1016	IRON (TSP)	KIWANIS PARK (MAPS STUDY)	GREAT FALLS	CASCADE CO	197801	197912
013	1016	LEAD (TSP)	KIWANIS PARK (MAPS STUDY)	GREAT FALLS	CASCADE CO	197801	198012
013	1016	MANGANESE (TSP)	KIWANIS PARK (MAPS STUDY)	GREAT FALLS	CASCADE CO	197801	198012
013	1016	NICKEL (TSP)	KIWANIS PARK (MAPS STUDY)	GREAT FALLS	CASCADE CO	197801	198012
013	1016	VANADIUM (TSP)	KIWANIS PARK (MAPS STUDY)	GREAT FALLS	CASCADE CO	197901	198012
013	1016	ZINC (TSP)	KIWANIS PARK (MAPS STUDY)	GREAT FALLS	CASCADE CO	197801	197912
013	1016	NITRATE (TSP)	KIWANIS PARK (MAPS STUDY)	GREAT FALLS	CASCADE CO	197801	198012
013	1016	SULFATE (TSP)	KIWANIS PARK (MAPS STUDY)	GREAT FALLS	CASCADE CO	197801	198012
013	1016	SULFUR DIOXIDE	KIWANIS PARK (MAPS STUDY)	GREAT FALLS	CASCADE CO	197901	198012
013	1016	NITROGEN DIOXIDE	KIWANIS PARK (MAPS STUDY)	GREAT FALLS	CASCADE CO	197901	198012
013	1016	WIND SPEED	KIWANIS PARK (MAPS STUDY)	GREAT FALLS	CASCADE CO	198001	198012
013	1016	WIND DIRECTION	KIWANIS PARK (MAPS STUDY)	GREAT FALLS	CASCADE CO	198001	198012
013	1018	TSP	RIVERVIEW SCHOOL, 100 SMELTER AVE	GREAT FALLS	CASCADE CO	198001	198212
013	1019	TSP	1321 SMELTER AVE BLACK EAGLE	GREAT FALLS	CASCADE CO	198001	198712
013	1019	ARSENIC (TSP)	1321 SMELTER AVE BLACK EAGLE	GREAT FALLS	CASCADE CO	198001	198012
013	1019	CHROMIUM (TSP)	1321 SMELTER AVE BLACK EAGLE	GREAT FALLS	CASCADE CO	198001	198012
013	1019	NICKEL (TSP)	1321 SMELTER AVE BLACK EAGLE	GREAT FALLS	CASCADE CO	198001	198012
013	1019	VANADIUM (TSP)	1321 SMELTER AVE BLACK EAGLE	GREAT FALLS	CASCADE CO	198001	198012
013	1019	NITRATE (TSP)	1321 SMELTER AVE BLACK EAGLE	GREAT FALLS	CASCADE CO	198001	198212
013	1019	SULFATE (TSP)	1321 SMELTER AVE BLACK EAGLE	GREAT FALLS	CASCADE CO	198001	198212
013	1020	TSP	LINCOLN SCHOOL, 3625 27TH SOUTH	GREAT FALLS	CASCADE CO	198001	198212
013	1023	CARBON MONOXIDE	PARDIS CLINIC, 826 10TH AVE SOUTH	GREAT FALLS	CASCADE CO	198301	198910
013	1023	WIND SPEED	PARDIS CLINIC, 826 10TH AVE SOUTH	GREAT FALLS	CASCADE CO	198301	198910
013	1023	WIND DIRECTION	PARDIS CLINIC, 826 10TH AVE SOUTH	GREAT FALLS	CASCADE CO	198301	198910
013	1024	TSP	SUNNYSIDE SCHOOL, 1800 - 19TH AVE SOUTH	GREAT FALLS	CASCADE CO	198701	199002
013	1025	CARBON MONOXIDE	SKYWAY CONOCO, 700-10TH AVE SOUTH	GREAT FALLS	CASCADE CO	198910	
013	1025	WIND SPEED	SKYWAY CONOCO, 700-10TH AVE SOUTH	GREAT FALLS	CASCADE CO	198911	199510
013	1025	WIND DIRECTION	SKYWAY CONOCO, 700-10TH AVE SOUTH	GREAT FALLS	CASCADE CO	198911	199510
013	1025	STD DEV HZ WND DIR	SKYWAY CONOCO, 700-10TH AVE SOUTH	GREAT FALLS	CASCADE CO	199010	199510
013	2000	SULFUR DIOXIDE	WIRE MILL RD/MT REFINING/.6MI E OF HAVRE	GREAT FALLS	CASCADE CO	199411	
013	2000	WIND SPEED	WIRE MILL RD/MT REFINING/.6MI E OF HAVRE	GREAT FALLS	CASCADE CO	199411	
013	2000	WIND DIRECTION	WIRE MILL RD/MT REFINING/.6MI E OF HAVRE	GREAT FALLS	CASCADE CO	199411	
013	2000	STD DEV HZ WND DIR	WIRE MILL RD/MT REFINING/.6MI E OF HAVRE	GREAT FALLS	CASCADE CO	199411	
017	0001	TSP	MAIN AND HAYES	MILES CITY	CUSTER CO	197201	197312
017	0001	BENZENE SOL ORG (TSP)	MAIN AND HAYES	MILES CITY	CUSTER CO	197201	197312
017	0001	CADMIUM (TSP)	MAIN AND HAYES	MILES CITY	CUSTER CO	197201	197312
017	0001	LEAD (TSP)	MAIN AND HAYES	MILES CITY	CUSTER CO	197201	197312
017	0001	ZINC (TSP)	MAIN AND HAYES	MILES CITY	CUSTER CO	197201	197312
017	0003	TSP	PCA BUILDING, MAIN & HAYES	MILES CITY	CUSTER CO	198001	198312
017	0004	TSP	LITTLEFIELD HILLTOP		CUSTER CO	197601	197812
019	0001	TSP	SCOBEY BORDER #1, PORT OF ENTRY, SCOBEY		DANIELS CO	197501	198512
019	0001	LIGHT SCATTER	SCOBEY BORDER #1, PORT OF ENTRY, SCOBEY		DANIELS CO	197901	198312
019	0001	NITRATE (TSP)	SCOBEY BORDER #1, PORT OF ENTRY, SCOBEY		DANIELS CO	197901	198412
019	0001	SULFATE (TSP)	SCOBEY BORDER #1, PORT OF ENTRY, SCOBEY		DANIELS CO	197901	198412

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019 0001	SULFUR DIOXIDE	SCOBEY BORDER #1, PORT OF ENTRY, SCOBEY	DANIELS CO	197601	197912
019 0001	SULFUR DIOXIDE	SCOBEY BORDER #1, PORT OF ENTRY, SCOBEY	DANIELS CO	197901	198512
019 0001	SULFATION RATE	SCOBEY BORDER #1, PORT OF ENTRY, SCOBEY	DANIELS CO	198401	198512
019 0001	SULFATION RATE	SCOBEY BORDER #1, PORT OF ENTRY, SCOBEY	DANIELS CO	198401	198712
019 0001	NITROGEN DIOXIDE	SCOBEY BORDER #1, PORT OF ENTRY, SCOBEY	DANIELS CO	197601	197912
019 0001	WIND SPEED	SCOBEY BORDER #1, PORT OF ENTRY, SCOBEY	DANIELS CO	197901	198312
019 0001	WIND DIRECTION	SCOBEY BORDER #1, PORT OF ENTRY, SCOBEY	DANIELS CO	197901	198312
019 0001	TEMPERATURE	SCOBEY BORDER #1, PORT OF ENTRY, SCOBEY	DANIELS CO	197801	198312
019 0001	DEW POINT	SCOBEY BORDER #1, PORT OF ENTRY, SCOBEY	DANIELS CO	197801	197912
019 0001	SOLAR RADIATION	SCOBEY BORDER #1, PORT OF ENTRY, SCOBEY	DANIELS CO	197901	197912
019 0001	SOLAR RADIATION	SCOBEY BORDER #1, PORT OF ENTRY, SCOBEY	DANIELS CO	197901	198012
019 0001	SOLAR RADIATION	SCOBEY BORDER #1, PORT OF ENTRY, SCOBEY	DANIELS CO	198001	198112
019 0001	SOLAR RADIATION	SCOBEY BORDER #1, PORT OF ENTRY, SCOBEY	DANIELS CO	198001	198212
019 0001	SOLAR RADIATION	SCOBEY BORDER #1, PORT OF ENTRY, SCOBEY	DANIELS CO	198001	198312
019 0001	BAROMETRIC PRESSURE	SCOBEY BORDER #1, PORT OF ENTRY, SCOBEY	DANIELS CO	197901	198112
019 0002	TSP	RICHARDSON RES. 1 MILE N OF SCOBEY MT	DANIELS CO	197701	198512
019 0002	NITRATE (TSP)	RICHARDSON RES. 1 MILE N OF SCOBEY MT	DANIELS CO	197901	198412
019 0002	SULFATE (TSP)	RICHARDSON RES. 1 MILE N OF SCOBEY MT	DANIELS CO	197901	198412
019 0002	SULFATION RATE	RICHARDSON RES. 1 MILE N OF SCOBEY MT	DANIELS CO	198401	198512
019 0002	SULFATION RATE	RICHARDSON RES. 1 MILE N OF SCOBEY MT	DANIELS CO	198401	199101
019 0002	WIND SPEED	RICHARDSON RES. 1 MILE N OF SCOBEY MT	DANIELS CO	197901	197912
019 0002	WIND DIRECTION	RICHARDSON RES. 1 MILE N OF SCOBEY MT	DANIELS CO	197901	197912
019 0002	TEMPERATURE	RICHARDSON RES. 1 MILE N OF SCOBEY MT	DANIELS CO	197801	197912
019 0003	TSP	ENGBERG RANCH,SCOBEY,MONTANA	DANIELS CO	197701	198012
019 0003	NITRATE (TSP)	ENGBERG RANCH,SCOBEY,MONTANA	DANIELS CO	197901	198012
019 0003	SULFATE (TSP)	ENGBERG RANCH,SCOBEY,MONTANA	DANIELS CO	197901	198012
019 0004	TSP	HANRAHAN RANCH, 5.5 MI WEST OF WHITETAIL	DANIELS CO	198001	198512
019 0004	NITRATE (TSP)	HANRAHAN RANCH, 5.5 MI WEST OF WHITETAIL	DANIELS CO	198001	198412
019 0004	SULFATE (TSP)	HANRAHAN RANCH, 5.5 MI WEST OF WHITETAIL	DANIELS CO	198001	198412
019 0004	SULFUR DIOXIDE	HANRAHAN RANCH, 5.5 MI WEST OF WHITETAIL	DANIELS CO	198001	198512
019 0004	SULFATION RATE	HANRAHAN RANCH, 5.5 MI WEST OF WHITETAIL	DANIELS CO	198401	198712
019 0004	WIND SPEED	HANRAHAN RANCH, 5.5 MI WEST OF WHITETAIL	DANIELS CO	198101	198512
019 0004	WIND DIRECTION	HANRAHAN RANCH, 5.5 MI WEST OF WHITETAIL	DANIELS CO	198001	198512
019 0004	TEMPERATURE	HANRAHAN RANCH, 5.5 MI WEST OF WHITETAIL	DANIELS CO	198401	198512
019 0005	SULFATION RATE	#3 MICROWAVE TOWER WHITETAIL MT	DANIELS CO	198401	198512
019 0005	SULFATION RATE	#3 MICROWAVE TOWER WHITETAIL MT	DANIELS CO	198401	198612
019 0006	SULFATION RATE	FLAXVILLE, WILSON ST & 2ND AVE	DANIELS CO	198401	198512
019 0006	SULFATION RATE	FLAXVILLE, WILSON ST & 2ND AVE	DANIELS CO	198401	199101
019 0007	SULFATION RATE	#6 TV TOWER HILL SCOBEY MT	DANIELS CO	198401	198512
019 0007	SULFATION RATE	#6 TV TOWER HILL SCOBEY MT	DANIELS CO	198401	199101
019 0008	SULFATION RATE	SCOBEY DOWNTOWN	DANIELS CO	198401	198512
019 0008	SULFATION RATE	SCOBEY DOWNTOWN	DANIELS CO	198401	199101
019 0009	SULFATION RATE	FOUR BUTTES, NORTH OF RTE 248 NEAR SCOBE	DANIELS CO	198401	198512
019 0009	SULFATION RATE	FOUR BUTTES, NORTH OF RTE 248 NEAR SCOBE	DANIELS CO	198401	199101
019 0010	TSP	MARLENEE RANCH, SCOBEY MT	DANIELS CO	198601	198712
019 0010	SULFUR DIOXIDE	MARLENEE RANCH, SCOBEY MT	DANIELS CO	197601	198712
019 0010	WIND SPEED	MARLENEE RANCH, SCOBEY MT	DANIELS CO	198610	198712

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019	0010	WIND DIRECTION	MARLENEE RANCH, SCOBEY MT		DANIELS CO	198610	198712
019	0010	TEMPERATURE	MARLENEE RANCH, SCOBEY MT		DANIELS CO	198610	198712
021	0001	TSP	GLENDIVE MICROWAVE,BURMAN RANCH		DAWSON CO	197401	197812
021	0001	WIND SPEED	GLENDIVE MICROWAVE,BURMAN RANCH		DAWSON CO	197601	197612
021	0001	WIND DIRECTION	GLENDIVE MICROWAVE,BURMAN RANCH		DAWSON CO	197601	197612
021	0002	TSP	MAGELSKY (LINDSAY)		DAWSON CO	197401	197712
021	0002	NITRATE (TSP)	MAGELSKY (LINDSAY)		DAWSON CO	197601	197612
021	0002	NITRATE (TSP)	MAGELSKY (LINDSAY)		DAWSON CO	197701	197712
021	0002	SULFATE (TSP)	MAGELSKY (LINDSAY)		DAWSON CO	197601	197712
021	0003	TSP	MAGELSKY (LINDSAY)		DAWSON CO	197401	197812
021	0003	NITRATE (TSP)	MAGELSKY (LINDSAY)		DAWSON CO	197601	197612
021	0003	NITRATE (TSP)	MAGELSKY (LINDSAY)		DAWSON CO	197701	197712
021	0003	SULFATE (TSP)	MAGELSKY (LINDSAY)		DAWSON CO	197601	197712
021	0004	TSP	KVGN TV TOWER		DAWSON CO	197801	198212
021	0004	WIND SPEED	KVGN TV TOWER		DAWSON CO	197401	198506
021	0004	WIND DIRECTION	KVGN TV TOWER		DAWSON CO	197401	198506
021	1001	TSP	DAWSON COMMUNITY COLLEGE S OF GLENDIVE	GLENDIVE	DAWSON CO	198001	198212
021	1002	TSP	MEDICAL ARTS CENTER, OILWORTH & AMES	GLENDIVE	DAWSON CO	198201	198412
023	0001	TSP	S&N CEMENT EAST OF ANACONDA		DEER LODGE CO	197101	197212
023	0001	BENZENE SOL ORG (TSP)	S&N CEMENT EAST OF ANACONDA		DEER LODGE CO	197101	197212
023	0001	ARSENIC (TSP)	S&N CEMENT EAST OF ANACONDA		DEER LODGE CO	197101	197112
023	0001	CADMIUM (TSP)	S&N CEMENT EAST OF ANACONDA		DEER LODGE CO	197101	197112
023	0001	LEAD (TSP)	S&N CEMENT EAST OF ANACONDA		DEER LODGE CO	197101	197112
023	0001	ZINC (TSP)	S&N CEMENT EAST OF ANACONDA		DEER LODGE CO	197101	197112
023	0003	TSP	KUCERA RESIDENCE MILL CREEK		DEER LODGE CO	197201	197312
023	0003	ARSENIC (TSP)	KUCERA RESIDENCE MILL CREEK		DEER LODGE CO	197201	197212
023	0003	CADMIUM (TSP)	KUCERA RESIDENCE MILL CREEK		DEER LODGE CO	197201	197212
023	0003	LEAD (TSP)	KUCERA RESIDENCE MILL CREEK		DEER LODGE CO	197201	197212
023	0003	ZINC (TSP)	KUCERA RESIDENCE MILL CREEK		DEER LODGE CO	197201	197212
023	0003	SULFUR DIOXIDE	KUCERA RESIDENCE MILL CREEK		DEER LODGE CO	197201	197312
023	0004	TSP	HIWAY JUNCTION		DEER LODGE CO	197501	198712
023	0004	ALUMINUM (TSP)	HIWAY JUNCTION		DEER LODGE CO	197801	198512
023	0004	ARSENIC (TSP)	HIWAY JUNCTION		DEER LODGE CO	197801	198712
023	0004	CADMIUM (TSP)	HIWAY JUNCTION		DEER LODGE CO	197702	198512
023	0004	CHROMIUM (TSP)	HIWAY JUNCTION		DEER LODGE CO	197807	198512
023	0004	COPPER (TSP)	HIWAY JUNCTION		DEER LODGE CO	197801	198512
023	0004	IRON (TSP)	HIWAY JUNCTION		DEER LODGE CO	197801	197912
023	0004	LEAD (TSP)	HIWAY JUNCTION		DEER LODGE CO	197801	198512
023	0004	MANGANESE (TSP)	HIWAY JUNCTION		DEER LODGE CO	197801	198012
023	0004	NICKEL (TSP)	HIWAY JUNCTION		DEER LODGE CO	197801	198012
023	0004	VANADIUM (TSP)	HIWAY JUNCTION		DEER LODGE CO	197801	198012
023	0004	ZINC (TSP)	HIWAY JUNCTION		DEER LODGE CO	197801	198512
023	0004	NITRATE (TSP)	HIWAY JUNCTION		DEER LODGE CO	197801	198012
023	0004	SULFATE (TSP)	HIWAY JUNCTION		DEER LODGE CO	197801	197812
023	0004	SULFATE (TSP)	HIWAY JUNCTION		DEER LODGE CO	197801	198012
023	0004	SULFUR DIOXIDE	HIWAY JUNCTION		DEER LODGE CO	197201	197908
023	0004	WIND SPEED	HIWAY JUNCTION		DEER LODGE CO	197601	197912

SITE NUMBER		PARAMETER	SITE ADDRESS			COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
023	0004	WIND SPEED	HIWAY JUNCTION			DEER LODGE CO	197801	197912
023	0004	WIND DIRECTION	HIWAY JUNCTION			DEER LODGE CO	197601	197912
023	0004	WIND DIRECTION	HIWAY JUNCTION			DEER LODGE CO	197801	197912
023	0005	TSP	ANACONDA JR HI	CORNER OF 4TH AND MAIN	ANACONDA-DEER LODGE	DEER LODGE CO	197101	197212
023	0005	BENZENE SOL ORG (TSP)	ANACONDA JR HI	CORNER OF 4TH AND MAIN	ANACONDA-DEER LODGE	DEER LODGE CO	197101	197112
023	0005	ARSENIC (TSP)	ANACONDA JR HI	CORNER OF 4TH AND MAIN	ANACONDA-DEER LODGE	DEER LODGE CO	197101	197212
023	0005	CADMIUM (TSP)	ANACONDA JR HI	CORNER OF 4TH AND MAIN	ANACONDA-DEER LODGE	DEER LODGE CO	197101	197212
023	0005	LEAD (TSP)	ANACONDA JR HI	CORNER OF 4TH AND MAIN	ANACONDA-DEER LODGE	DEER LODGE CO	197101	197212
023	0005	ZINC (TSP)	ANACONDA JR HI	CORNER OF 4TH AND MAIN	ANACONDA-DEER LODGE	DEER LODGE CO	197101	197212
023	0005	FLUORIDE (TSP)	ANACONDA JR HI	CORNER OF 4TH AND MAIN	ANACONDA-DEER LODGE	DEER LODGE CO	197101	197112
023	0005	SULFATE (TSP)	ANACONDA JR HI	CORNER OF 4TH AND MAIN	ANACONDA-DEER LODGE	DEER LODGE CO	197101	197112
023	0006	TSP	KIRKEBY RESIDENCE, 1200 E 6TH		ANACONDA-DEER LODGE	DEER LODGE CO	197201	197212
023	0006	ARSENIC (TSP)	KIRKEBY RESIDENCE, 1200 E 6TH		ANACONDA-DEER LODGE	DEER LODGE CO	197201	197212
023	0006	CADMIUM (TSP)	KIRKEBY RESIDENCE, 1200 E 6TH		ANACONDA-DEER LODGE	DEER LODGE CO	197201	197212
023	0006	LEAD (TSP)	KIRKEBY RESIDENCE, 1200 E 6TH		ANACONDA-DEER LODGE	DEER LODGE CO	197201	197212
023	0006	ZINC (TSP)	KIRKEBY RESIDENCE, 1200 E 6TH		ANACONDA-DEER LODGE	DEER LODGE CO	197201	197212
023	0007	TSP	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	197801	198612
023	0007	TSP	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	198401	198512
023	0007	ALUMINUM (TSP)	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	197801	198512
023	0007	ARSENIC (TSP)	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	197801	198612
023	0007	ARSENIC (TSP)	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	198501	198512
023	0007	CADMIUM (TSP)	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	197801	198512
023	0007	CHROMIUM (TSP)	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	197801	198512
023	0007	COPPER (TSP)	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	197801	198512
023	0007	IRON (TSP)	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	197801	197912
023	0007	LEAD (TSP)	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	197801	198512
023	0007	LEAD (TSP)	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	198401	198512
023	0007	MANGANESE (TSP)	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	197801	198012
023	0007	NICKEL (TSP)	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	197801	198012
023	0007	VANADIUM (TSP)	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	197801	198012
023	0007	ZINC (TSP)	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	197801	198512
023	0007	NITRATE (TSP)	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	197801	198012
023	0007	SULFATE (TSP)	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	197801	197812
023	0007	SULFATE (TSP)	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	197801	198012
023	0007	SULFUR DIOXIDE	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	197801	198112
023	0007	NITROGEN DIOXIDE	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	197801	197912
023	0007	TOTAL HYDROCARBONS	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	197901	197912
023	0007	OZONE	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	197901	198012
023	0007	WIND SPEED	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	197801	198112
023	0007	WIND DIRECTION	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	197801	198112
023	0007	PM10	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	198401	198512
023	0007	ALUMINUM (PM10)	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	198401	198512
023	0007	ARSENIC (PM10)	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	198401	198512
023	0007	CADMIUM (PM10)	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	198401	198512
023	0007	CHROMIUM (PM10)	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	198401	198512
023	0007	COPPER (PM10)	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	198401	198512
023	0007	LEAD (PM10)	LINCOLN SCHOOL		ANACONDA-DEER LODGE	DEER LODGE CO	198401	198512

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023 0007	ZINC (PM10)	LINCOLN SCHOOL	ANACONDA-DEER LODGE	DEER LODGE CO	198401	198512
023 0008	TSP	LINCOLN SCHOOL #2	ANACONDA-DEER LODGE	DEER LODGE CO	197801	197812
023 0008	ALUMINUM (TSP)	LINCOLN SCHOOL #2	ANACONDA-DEER LODGE	DEER LODGE CO	197801	197812
023 0008	ARSENIC (TSP)	LINCOLN SCHOOL #2	ANACONDA-DEER LODGE	DEER LODGE CO	197801	197812
023 0008	CADMIUM (TSP)	LINCOLN SCHOOL #2	ANACONDA-DEER LODGE	DEER LODGE CO	197801	197812
023 0008	CHROMIUM (TSP)	LINCOLN SCHOOL #2	ANACONDA-DEER LODGE	DEER LODGE CO	197801	197812
023 0008	COPPER (TSP)	LINCOLN SCHOOL #2	ANACONDA-DEER LODGE	DEER LODGE CO	197801	197812
023 0008	IRON (TSP)	LINCOLN SCHOOL #2	ANACONDA-DEER LODGE	DEER LODGE CO	197801	197812
023 0008	LEAD (TSP)	LINCOLN SCHOOL #2	ANACONDA-DEER LODGE	DEER LODGE CO	197801	197812
023 0008	MANGANESE (TSP)	LINCOLN SCHOOL #2	ANACONDA-DEER LODGE	DEER LODGE CO	197801	197812
023 0008	NICKEL (TSP)	LINCOLN SCHOOL #2	ANACONDA-DEER LODGE	DEER LODGE CO	197801	197812
023 0008	ZINC (TSP)	LINCOLN SCHOOL #2	ANACONDA-DEER LODGE	DEER LODGE CO	197801	197812
023 0008	NITRATE (TSP)	LINCOLN SCHOOL #2	ANACONDA-DEER LODGE	DEER LODGE CO	197801	197812
023 0008	SULFATE (TSP)	LINCOLN SCHOOL #2	ANACONDA-DEER LODGE	DEER LODGE CO	197801	197812
023 0009	SULFUR DIOXIDE	WARM SPRINGS		DEER LODGE CO	197101	197212
023 0010	WIND SPEED	ARCO COAL - TERESSA ANN TERRACE	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199209
023 0010	WIND DIRECTION	ARCO COAL - TERESSA ANN TERRACE	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199209
023 0010	STD DEV HZ WND DIR	ARCO COAL - TERESSA ANN TERRACE	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199209
023 0010	ATMOSPHERIC STABILITY	ARCO COAL - TERESSA ANN TERRACE	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199209
023 0010	PM10	ARCO COAL - TERESSA ANN TERRACE	ANACONDA-DEER LODGE	DEER LODGE CO	198907	199209
023 0010	ARSENIC (PM10)	ARCO COAL - TERESSA ANN TERRACE	ANACONDA-DEER LODGE	DEER LODGE CO	198907	199209
023 0010	BERYLLIUM (PM10)	ARCO COAL - TERESSA ANN TERRACE	ANACONDA-DEER LODGE	DEER LODGE CO	198907	199209
023 0010	CADMIUM (PM10)	ARCO COAL - TERESSA ANN TERRACE	ANACONDA-DEER LODGE	DEER LODGE CO	198907	199209
023 0010	COPPER (PM10)	ARCO COAL - TERESSA ANN TERRACE	ANACONDA-DEER LODGE	DEER LODGE CO	198907	199209
023 0010	LEAD (PM10)	ARCO COAL - TERESSA ANN TERRACE	ANACONDA-DEER LODGE	DEER LODGE CO	198907	199209
023 0010	ZINC (PM10)	ARCO COAL - TERESSA ANN TERRACE	ANACONDA-DEER LODGE	DEER LODGE CO	198907	199209
023 0011	WIND SPEED	ARCO COAL-ZINC PROCESS,SMELTER NPL SITE	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0011	WIND DIRECTION	ARCO COAL-ZINC PROCESS,SMELTER NPL SITE	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0011	STD DEV HZ WND DIR	ARCO COAL-ZINC PROCESS,SMELTER NPL SITE	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0011	ATMOSPHERIC STABILITY	ARCO COAL-ZINC PROCESS,SMELTER NPL SITE	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0011	PM10	ARCO COAL-ZINC PROCESS,SMELTER NPL SITE	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0011	ARSENIC (PM10)	ARCO COAL-ZINC PROCESS,SMELTER NPL SITE	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0011	BERYLLIUM (PM10)	ARCO COAL-ZINC PROCESS,SMELTER NPL SITE	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0011	CADMIUM (PM10)	ARCO COAL-ZINC PROCESS,SMELTER NPL SITE	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0011	COPPER (PM10)	ARCO COAL-ZINC PROCESS,SMELTER NPL SITE	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0011	LEAD (PM10)	ARCO COAL-ZINC PROCESS,SMELTER NPL SITE	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0011	ZINC (PM10)	ARCO COAL-ZINC PROCESS,SMELTER NPL SITE	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0012	TSP	MILL CREEK RR CROSSING		DEER LODGE CO	197801	197912
023 0012	ARSENIC (TSP)	MILL CREEK RR CROSSING		DEER LODGE CO	197901	197912
023 0012	CADMIUM (TSP)	MILL CREEK RR CROSSING		DEER LODGE CO	197901	197912
023 0012	CHROMIUM (TSP)	MILL CREEK RR CROSSING		DEER LODGE CO	197901	197912
023 0012	COPPER (TSP)	MILL CREEK RR CROSSING		DEER LODGE CO	197901	197912
023 0012	LEAD (TSP)	MILL CREEK RR CROSSING		DEER LODGE CO	197901	197912
023 0012	MANGANESE (TSP)	MILL CREEK RR CROSSING		DEER LODGE CO	197901	197912
023 0012	NICKEL (TSP)	MILL CREEK RR CROSSING		DEER LODGE CO	197901	197912
023 0012	VANADIUM (TSP)	MILL CREEK RR CROSSING		DEER LODGE CO	197901	197912
023 0012	NITRATE (TSP)	MILL CREEK RR CROSSING		DEER LODGE CO	197901	197912

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023 0012	SULFATE (TSP)	MILL CREEK RR CROSSING		DEER LODGE CO	197901	197912
023 0012	SULFUR DIOXIDE	MILL CREEK RR CROSSING		DEER LODGE CO	197501	197912
023 0021	TSP	WALLEY JOHNSON RESIDENCE (SILICA)		DEER LODGE CO	197101	197112
023 0021	BENZENE SOL ORG (TSP)	WALLEY JOHNSON RESIDENCE (SILICA)		DEER LODGE CO	197101	197112
023 0021	ARSENIC (TSP)	WALLEY JOHNSON RESIDENCE (SILICA)		DEER LODGE CO	197101	197112
023 0021	CADMIUM (TSP)	WALLEY JOHNSON RESIDENCE (SILICA)		DEER LODGE CO	197101	197112
023 0021	LEAD (TSP)	WALLEY JOHNSON RESIDENCE (SILICA)		DEER LODGE CO	197101	197112
023 0021	ZINC (TSP)	WALLEY JOHNSON RESIDENCE (SILICA)		DEER LODGE CO	197101	197112
023 0021	SULFATE (TSP)	WALLEY JOHNSON RESIDENCE (SILICA)		DEER LODGE CO	197101	197112
023 0022	TSP	BAILEY RESIDENCE EAST OF ANACONDA		DEER LODGE CO	197101	197112
023 0022	BENZENE SOL ORG (TSP)	BAILEY RESIDENCE EAST OF ANACONDA		DEER LODGE CO	197101	197112
023 0022	ARSENIC (TSP)	BAILEY RESIDENCE EAST OF ANACONDA		DEER LODGE CO	197101	197112
023 0022	CADMIUM (TSP)	BAILEY RESIDENCE EAST OF ANACONDA		DEER LODGE CO	197101	197112
023 0022	LEAD (TSP)	BAILEY RESIDENCE EAST OF ANACONDA		DEER LODGE CO	197101	197112
023 0022	ZINC (TSP)	BAILEY RESIDENCE EAST OF ANACONDA		DEER LODGE CO	197101	197112
023 0022	SULFUR DIOXIDE	BAILEY RESIDENCE EAST OF ANACONDA		DEER LODGE CO	197101	197112
023 0026	SULFUR DIOXIDE	POOR FARM RESIDENCE		DEER LODGE CO	197101	197312
023 0035	SULFUR DIOXIDE	CORTRITE TRAILER COURT		DEER LODGE CO	197201	197212
023 0036	SULFUR DIOXIDE	WILLOW GLENN RANCH		DEER LODGE CO	197301	197312
023 0037	SULFUR DIOXIDE	ANTELOPE		DEER LODGE CO	197301	197512
023 0038	SULFUR DIOXIDE	PUMP HOUSE M-2		DEER LODGE CO	197501	197612
023 0039	TSP	WARM SPRINGS		DEER LODGE CO	198001	198112
023 0041	FLUORIDE (TSP)	RHONE-POULENC,#15 PETERSON,1 M N FAIRMNT		DEER LODGE CO	198301	
023 0706	TSP	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198401	198512
023 0706	ALUMINUM (TSP)	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198401	198512
023 0706	ARSENIC (TSP)	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198401	198512
023 0706	CADMIUM (TSP)	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198401	198512
023 0706	CHROMIUM (TSP)	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198401	198512
023 0706	COPPER (TSP)	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198401	198512
023 0706	LEAD (TSP)	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198401	198512
023 0706	ZINC (TSP)	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198401	198512
023 0706	WIND SPEED	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0706	WIND DIRECTION	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0706	STD DEV HZ WND DIR	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0706	ATMOSPHERIC STABILITY	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0706	TEMPERATURE	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0706	RELATIVE HUMIDITY	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0706	SOLAR RADIATION	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0706	RAIN/MELT PRECIP.	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0706	PM10	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198401	198512
023 0706	PM10	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0706	ALUMINUM (PM10)	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198501	198512
023 0706	ARSENIC (PM10)	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198501	199206
023 0706	BERYLLIUM (PM10)	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0706	CADMIUM (PM10)	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198501	199206
023 0706	CHROMIUM (PM10)	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198501	198512
023 0706	COPPER (PM10)	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198501	199206

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023 0706	LEAD (PM10)	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198501	199206
023 0706	ZINC (PM10)	ARCO COAL-MILL CREEK,PARK-HIWAY 274	ANACONDA-DEER LODGE	DEER LODGE CO	198501	199206
023 0711	TSP	JOHNSONS CURVE, RTE 48, WARM SPRINGS		DEER LODGE CO	198401	198512
023 0711	ALUMINUM (TSP)	JOHNSONS CURVE, RTE 48, WARM SPRINGS		DEER LODGE CO	198401	198512
023 0711	ARSENIC (TSP)	JOHNSONS CURVE, RTE 48, WARM SPRINGS		DEER LODGE CO	198401	198512
023 0711	CADMIUM (TSP)	JOHNSONS CURVE, RTE 48, WARM SPRINGS		DEER LODGE CO	198401	198512
023 0711	CHROMIUM (TSP)	JOHNSONS CURVE, RTE 48, WARM SPRINGS		DEER LODGE CO	198401	198512
023 0711	COPPER (TSP)	JOHNSONS CURVE, RTE 48, WARM SPRINGS		DEER LODGE CO	198401	198512
023 0711	LEAD (TSP)	JOHNSONS CURVE, RTE 48, WARM SPRINGS		DEER LODGE CO	198401	198512
023 0711	ZINC (TSP)	JOHNSONS CURVE, RTE 48, WARM SPRINGS		DEER LODGE CO	198401	198512
023 0711	WIND SPEED	JOHNSONS CURVE, RTE 48, WARM SPRINGS		DEER LODGE CO	198401	198512
023 0711	WIND DIRECTION	JOHNSONS CURVE, RTE 48, WARM SPRINGS		DEER LODGE CO	198401	198512
023 0711	PM10	JOHNSONS CURVE, RTE 48, WARM SPRINGS		DEER LODGE CO	198401	198512
023 0711	ALUMINUM (PM10)	JOHNSONS CURVE, RTE 48, WARM SPRINGS		DEER LODGE CO	198401	198512
023 0711	ARSENIC (PM10)	JOHNSONS CURVE, RTE 48, WARM SPRINGS		DEER LODGE CO	198401	198512
023 0711	CADMIUM (PM10)	JOHNSONS CURVE, RTE 48, WARM SPRINGS		DEER LODGE CO	198401	198512
023 0711	CHROMIUM (PM10)	JOHNSONS CURVE, RTE 48, WARM SPRINGS		DEER LODGE CO	198401	198512
023 0711	COPPER (PM10)	JOHNSONS CURVE, RTE 48, WARM SPRINGS		DEER LODGE CO	198401	198512
023 0711	LEAD (PM10)	JOHNSONS CURVE, RTE 48, WARM SPRINGS		DEER LODGE CO	198401	198512
023 0711	ZINC (PM10)	JOHNSONS CURVE, RTE 48, WARM SPRINGS		DEER LODGE CO	198401	198512
023 0712	TSP	WHEELS-N-DEALS, 1100 W PARK		DEER LODGE CO	198601	198612
023 0712	ARSENIC (TSP)	WHEELS-N-DEALS, 1100 W PARK		DEER LODGE CO	198601	198612
023 0712	CADMIUM (TSP)	WHEELS-N-DEALS, 1100 W PARK		DEER LODGE CO	198601	198612
023 0712	COPPER (TSP)	WHEELS-N-DEALS, 1100 W PARK		DEER LODGE CO	198601	198612
023 0712	LEAD (TSP)	WHEELS-N-DEALS, 1100 W PARK		DEER LODGE CO	198601	198612
023 0712	ZINC (TSP)	WHEELS-N-DEALS, 1100 W PARK		DEER LODGE CO	198601	198612
023 0713	TSP	WOLFE RES.1212 MILL CREEK RD#1 ANACONDA		DEER LODGE CO	198601	198812
023 0713	ARSENIC (TSP)	WOLFE RES.1212 MILL CREEK RD#1 ANACONDA		DEER LODGE CO	198601	198812
023 0713	CADMIUM (TSP)	WOLFE RES.1212 MILL CREEK RD#1 ANACONDA		DEER LODGE CO	198601	198812
023 0713	COPPER (TSP)	WOLFE RES.1212 MILL CREEK RD#1 ANACONDA		DEER LODGE CO	198601	198812
023 0713	LEAD (TSP)	WOLFE RES.1212 MILL CREEK RD#1 ANACONDA		DEER LODGE CO	198601	198812
023 0713	ZINC (TSP)	WOLFE RES.1212 MILL CREEK RD#1 ANACONDA		DEER LODGE CO	198601	198812
023 0714	TSP	ARCO COAL-KORTUM STORAGE,HIWY 1-LNDFL RD	ANACONDA-DEER LODGE	DEER LODGE CO	198601	198912
023 0714	ARSENIC (TSP)	ARCO COAL-KORTUM STORAGE,HIWY 1-LNDFL RD	ANACONDA-DEER LODGE	DEER LODGE CO	198601	198912
023 0714	CADMIUM (TSP)	ARCO COAL-KORTUM STORAGE,HIWY 1-LNDFL RD	ANACONDA-DEER LODGE	DEER LODGE CO	198601	198912
023 0714	COPPER (TSP)	ARCO COAL-KORTUM STORAGE,HIWY 1-LNDFL RD	ANACONDA-DEER LODGE	DEER LODGE CO	198601	198912
023 0714	LEAD (TSP)	ARCO COAL-KORTUM STORAGE,HIWY 1-LNDFL RD	ANACONDA-DEER LODGE	DEER LODGE CO	198601	198912
023 0714	ZINC (TSP)	ARCO COAL-KORTUM STORAGE,HIWY 1-LNDFL RD	ANACONDA-DEER LODGE	DEER LODGE CO	198601	198912
023 0714	PM10	ARCO COAL-KORTUM STORAGE,HIWY 1-LNDFL RD	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199012
023 0714	PM10	ARCO COAL-KORTUM STORAGE,HIWY 1-LNDFL RD	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0714	ARSENIC (PM10)	ARCO COAL-KORTUM STORAGE,HIWY 1-LNDFL RD	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199012
023 0714	ARSENIC (PM10)	ARCO COAL-KORTUM STORAGE,HIWY 1-LNDFL RD	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0714	BERYLLIUM (PM10)	ARCO COAL-KORTUM STORAGE,HIWY 1-LNDFL RD	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199012
023 0714	BERYLLIUM (PM10)	ARCO COAL-KORTUM STORAGE,HIWY 1-LNDFL RD	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0714	CADMIUM (PM10)	ARCO COAL-KORTUM STORAGE,HIWY 1-LNDFL RD	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199012
023 0714	CADMIUM (PM10)	ARCO COAL-KORTUM STORAGE,HIWY 1-LNDFL RD	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023 0714	COPPER (PM10)	ARCO COAL-KORTUM STORAGE,HIWY 1-LNDFL RD	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199012

SITE NUMBER		PARAMETER	SITE ADDRESS		COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
023	0714	COPPER (PM10)	ARCO COAL-KORTUM STORAGE,HIWY 1-LNDFL RD	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023	0714	LEAD (PM10)	ARCO COAL-KORTUM STORAGE,HIWY 1-LNDFL RD	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199012
023	0714	LEAD (PM10)	ARCO COAL-KORTUM STORAGE,HIWY 1-LNDFL RD	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023	0714	ZINC (PM10)	ARCO COAL-KORTUM STORAGE,HIWY 1-LNDFL RD	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199012
023	0714	ZINC (PM10)	ARCO COAL-KORTUM STORAGE,HIWY 1-LNDFL RD	ANACONDA-DEER LODGE	DEER LODGE CO	198908	199206
023	0801	SULFUR DIOXIDE	WATER OFFICE		DEER LODGE CO	197501	198012
023	0802	SULFUR DIOXIDE	COUNTY AIRPORT		DEER LODGE CO	197501	198012
023	0803	SULFUR DIOXIDE	OPPORTUNITY		DEER LODGE CO	197501	198012
023	0804	SULFUR DIOXIDE	MILL CREEK		DEER LODGE CO	197501	198012
023	0806	SULFUR DIOXIDE	C - HILL		DEER LODGE CO	197501	197912
023	0807	SULFUR DIOXIDE	WEST GATE OF ACC		DEER LODGE CO	197501	198012
023	0904	SULFUR DIOXIDE	POST OFFICE	ANACONDA-DEER LODGE	DEER LODGE CO	197301	197312
023	0904	SULFUR DIOXIDE	POST OFFICE	ANACONDA-DEER LODGE	DEER LODGE CO	197301	197512
023	0904	SULFUR DIOXIDE	POST OFFICE	ANACONDA-DEER LODGE	DEER LODGE CO	197401	197812
023	0905	TSP	TAILINGS HILL		DEER LODGE CO	197401	197512
023	0905	SULFUR DIOXIDE	TAILINGS HILL		DEER LODGE CO	197301	197312
023	0905	SULFUR DIOXIDE	TAILINGS HILL		DEER LODGE CO	197301	197512
023	0905	SULFUR DIOXIDE	TAILINGS HILL		DEER LODGE CO	197401	197512
023	0906	SULFUR DIOXIDE	'C' HILL SOUTH OF ANACONDA		DEER LODGE CO	197401	197412
023	0906	SULFUR DIOXIDE	'C' HILL SOUTH OF ANACONDA		DEER LODGE CO	197401	197812
025	0001	TSP	BOX 103 PLEUNA MT 59433		FALLON CO	198101	198412
027	0001	PM10	KENDALL VENTURE MINE-TOWN SITE #1,HILGER		FERGUS CO	198809	198912
027	0002	TSP	LEWISTOWN DOWNTOWN, 450 N. JANEAUX	LEWISTOWN	FERGUS CO	198001	198312
027	0003	WIND SPEED	CR KENDALL-POND SITE #2, HILGER880901		FERGUS CO	198809	199001
027	0003	WIND DIRECTION	CR KENDALL-POND SITE #2, HILGER880901		FERGUS CO	198809	199001
027	0003	PM10	CR KENDALL-POND SITE #2, HILGER880901		FERGUS CO	198809	198912
027	0004	WIND SPEED	CR KENDALL-N TOWNSITE #3, HILGER		FERGUS CO	199002	199203
027	0004	WIND DIRECTION	CR KENDALL-N TOWNSITE #3, HILGER		FERGUS CO	199002	199203
027	0004	STD DEV HZ WND DIR	CR KENDALL-N TOWNSITE #3, HILGER		FERGUS CO	199002	199203
027	0004	TEMPERATURE	CR KENDALL-N TOWNSITE #3, HILGER		FERGUS CO	199002	199203
027	0004	PM10	CR KENDALL-N TOWNSITE #3, HILGER		FERGUS CO	199001	
027	0004	ARSENIC (PM10)	CR KENDALL-N TOWNSITE #3, HILGER		FERGUS CO	199001	199112
027	0004	CADMIUM (PM10)	CR KENDALL-N TOWNSITE #3, HILGER		FERGUS CO	199001	199112
027	0004	CHROMIUM (PM10)	CR KENDALL-N TOWNSITE #3, HILGER		FERGUS CO	199001	199112
027	0004	LEAD (PM10)	CR KENDALL-N TOWNSITE #3, HILGER		FERGUS CO	199001	199112
027	0005	PM10	CR KENDALL-BSA SITE #4, HILGER		FERGUS CO	199001	
027	0005	ARSENIC (PM10)	CR KENDALL-BSA SITE #4, HILGER		FERGUS CO	199001	199112
027	0005	CADMIUM (PM10)	CR KENDALL-BSA SITE #4, HILGER		FERGUS CO	199001	199112
027	0005	CHROMIUM (PM10)	CR KENDALL-BSA SITE #4, HILGER		FERGUS CO	199001	199112
027	0005	LEAD (PM10)	CR KENDALL-BSA SITE #4, HILGER		FERGUS CO	199001	199112
029	0002	TSP	HIGH SCHOOL	COLUMBIA FALLS	FLATHEAD CO	197201	197712
029	0002	BENZENE SOL ORG (TSP)	HIGH SCHOOL	COLUMBIA FALLS	FLATHEAD CO	197201	197712
029	0002	CADMIUM (TSP)	HIGH SCHOOL	COLUMBIA FALLS	FLATHEAD CO	197201	197712
029	0002	LEAD (TSP)	HIGH SCHOOL	COLUMBIA FALLS	FLATHEAD CO	197201	197712
029	0002	ZINC (TSP)	HIGH SCHOOL	COLUMBIA FALLS	FLATHEAD CO	197201	197712
029	0003	TSP	JR HIGH SCHOOL, 500 4TH AVE NORTH	COLUMBIA FALLS	FLATHEAD CO	197101	198712
029	0003	BENZENE SOL ORG (TSP)	JR HIGH SCHOOL, 500 4TH AVE NORTH	COLUMBIA FALLS	FLATHEAD CO	197101	198712

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029	0003	PM10	JR HIGH SCHOOL, 500 4TH AVE NORTH	COLUMBIA FALLS	FLATHEAD CO	198505	198712
029	0003	PM10	JR HIGH SCHOOL, 500 4TH AVE NORTH	COLUMBIA FALLS	FLATHEAD CO	198704	
029	0004	FLUORIDE (TSP)	R.E. OWENS RES HW2 S. OF COLUMBIA FALLS		FLATHEAD CO	198201	198312
029	0005	TSP	ANDERS RESIDENCE, 726 FIRST AVENUE EAST	COLUMBIA FALLS	FLATHEAD CO	197701	198712
029	0005	ALUMINUM (TSP)	ANDERS RESIDENCE, 726 FIRST AVENUE EAST	COLUMBIA FALLS	FLATHEAD CO	197801	197812
029	0005	ARSENIC (TSP)	ANDERS RESIDENCE, 726 FIRST AVENUE EAST	COLUMBIA FALLS	FLATHEAD CO	197801	197812
029	0005	CADMIUM (TSP)	ANDERS RESIDENCE, 726 FIRST AVENUE EAST	COLUMBIA FALLS	FLATHEAD CO	197801	197812
029	0005	COPPER (TSP)	ANDERS RESIDENCE, 726 FIRST AVENUE EAST	COLUMBIA FALLS	FLATHEAD CO	197801	197812
029	0005	IRON (TSP)	ANDERS RESIDENCE, 726 FIRST AVENUE EAST	COLUMBIA FALLS	FLATHEAD CO	197801	197812
029	0005	LEAD (TSP)	ANDERS RESIDENCE, 726 FIRST AVENUE EAST	COLUMBIA FALLS	FLATHEAD CO	197801	197812
029	0005	MANGANESE (TSP)	ANDERS RESIDENCE, 726 FIRST AVENUE EAST	COLUMBIA FALLS	FLATHEAD CO	197801	197812
029	0005	NICKEL (TSP)	ANDERS RESIDENCE, 726 FIRST AVENUE EAST	COLUMBIA FALLS	FLATHEAD CO	197801	197812
029	0005	ZINC (TSP)	ANDERS RESIDENCE, 726 FIRST AVENUE EAST	COLUMBIA FALLS	FLATHEAD CO	197801	197812
029	0005	NITRATE (TSP)	ANDERS RESIDENCE, 726 FIRST AVENUE EAST	COLUMBIA FALLS	FLATHEAD CO	197801	197912
029	0005	SULFATE (TSP)	ANDERS RESIDENCE, 726 FIRST AVENUE EAST	COLUMBIA FALLS	FLATHEAD CO	197801	197912
029	0006	TOTAL DUSTFALL	LABERE - 981 2ND ST, COLUMBIA FALLS	COLUMBIA FALLS	FLATHEAD CO	198501	198812
029	0006	DUSTFALL COMBUSTBLE	LABERE - 981 2ND ST, COLUMBIA FALLS	COLUMBIA FALLS	FLATHEAD CO	198601	198812
029	0008	TSP	LASALLE & EVERGREEN	KALISPELL	FLATHEAD CO	197201	197212
029	0008	BENZENE SOL ORG (TSP)	LASALLE & EVERGREEN	KALISPELL	FLATHEAD CO	197201	197212
029	0011	FLUORIDE (TSP)	BEETON HILLS, MT		FLATHEAD CO	198201	198312
029	0011	SULFATION RATE	BEETON HILLS, MT		FLATHEAD CO	198201	198312
029	0012	FLUORIDE (TSP)	(DEHLBOMS FIELD), COLUMBIA FALLS MT		FLATHEAD CO	198201	198312
029	0013	FLUORIDE (TSP)	(ANACONDA SOUTH) COLUMBIA FALLS MT		FLATHEAD CO	198201	198312
029	0014	FLUORIDE (TSP)	(TEAKETTLE MTN #1) COLUMBIA FALLS MT		FLATHEAD CO	198201	198312
029	0015	FLUORIDE (TSP)	THE LOOP, 23 MILES NE OF WEST GLACIER MT		FLATHEAD CO	198201	198312
029	0015	SULFATION RATE	THE LOOP, 23 MILES NE OF WEST GLACIER MT		FLATHEAD CO	198201	198312
029	0016	SULFATION RATE	LOGAN PASS VISITOR CENTER		FLATHEAD CO	198201	198212
029	0018	TSP	PETERSON SCHOOL,3RD ST & MERIDIAN RD	KALISPELL	FLATHEAD CO	198601	198712
029	0021	FLUORIDE (TSP)	LAKE MCDONALD RANGER STATION		FLATHEAD CO	198201	198312
029	0021	SULFATION RATE	LAKE MCDONALD RANGER STATION		FLATHEAD CO	198201	198312
029	0022	FLUORIDE (TSP)	(TEAKETTLE MTN #7) COLUMBIA FALLS MT		FLATHEAD CO	198201	198312
029	0028	FLUORIDE (TSP)	(ALUMINUM CITY) COLUMBIA FALLS MT		FLATHEAD CO	198201	198312
029	0029	TSP	NAAC TRAILER, NORTH OF AAC	COLUMBIA FALLS	FLATHEAD CO	197401	198312
029	0029	ALUMINUM (TSP)	NAAC TRAILER, NORTH OF AAC	COLUMBIA FALLS	FLATHEAD CO	197801	197812
029	0029	ARSENIC (TSP)	NAAC TRAILER, NORTH OF AAC	COLUMBIA FALLS	FLATHEAD CO	197801	197812
029	0029	CADMIUM (TSP)	NAAC TRAILER, NORTH OF AAC	COLUMBIA FALLS	FLATHEAD CO	197801	197812
029	0029	CHROMIUM (TSP)	NAAC TRAILER, NORTH OF AAC	COLUMBIA FALLS	FLATHEAD CO	197801	197812
029	0029	COPPER (TSP)	NAAC TRAILER, NORTH OF AAC	COLUMBIA FALLS	FLATHEAD CO	197801	197812
029	0029	IRON (TSP)	NAAC TRAILER, NORTH OF AAC	COLUMBIA FALLS	FLATHEAD CO	197801	197812
029	0029	LEAD (TSP)	NAAC TRAILER, NORTH OF AAC	COLUMBIA FALLS	FLATHEAD CO	197801	197812
029	0029	MANGANESE (TSP)	NAAC TRAILER, NORTH OF AAC	COLUMBIA FALLS	FLATHEAD CO	197801	197812
029	0029	NICKEL (TSP)	NAAC TRAILER, NORTH OF AAC	COLUMBIA FALLS	FLATHEAD CO	197801	197812
029	0029	VANADIUM (TSP)	NAAC TRAILER, NORTH OF AAC	COLUMBIA FALLS	FLATHEAD CO	197801	197812
029	0029	ZINC (TSP)	NAAC TRAILER, NORTH OF AAC	COLUMBIA FALLS	FLATHEAD CO	197801	197812
029	0029	FLUORIDE (TSP)	NAAC TRAILER, NORTH OF AAC	COLUMBIA FALLS	FLATHEAD CO	197801	198312
029	0029	NITRATE (TSP)	NAAC TRAILER, NORTH OF AAC	COLUMBIA FALLS	FLATHEAD CO	197801	197912
029	0029	SULFATE (TSP)	NAAC TRAILER, NORTH OF AAC	COLUMBIA FALLS	FLATHEAD CO	197801	197912

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029 0034	TSP	MOOSE CITY		FLATHEAD CO	197801	197912
029 0034	NITRATE (TSP)	MOOSE CITY		FLATHEAD CO	197801	197912
029 0034	SULFATE (TSP)	MOOSE CITY		FLATHEAD CO	197801	197912
029 0035	TSP	POLEBRIDGE, MT		FLATHEAD CO	198101	198312
029 0035	CADMIUM (TSP)	POLEBRIDGE, MT		FLATHEAD CO	198101	198112
029 0035	LEAD (TSP)	POLEBRIDGE, MT		FLATHEAD CO	198101	198112
029 0035	NITRATE (TSP)	POLEBRIDGE, MT		FLATHEAD CO	198101	198312
029 0035	SULFATE (TSP)	POLEBRIDGE, MT		FLATHEAD CO	198101	198312
029 0036	TSP	BIG FORK RANGER STATION		FLATHEAD CO	197901	198312
029 0036	NITRATE (TSP)	BIG FORK RANGER STATION		FLATHEAD CO	197901	198312
029 0036	SULFATE (TSP)	BIG FORK RANGER STATION		FLATHEAD CO	197901	198312
029 0036	WIND SPEED	BIG FORK RANGER STATION		FLATHEAD CO	197901	198312
029 0036	WIND DIRECTION	BIG FORK RANGER STATION		FLATHEAD CO	197901	198312
029 0036	TEMPERATURE	BIG FORK RANGER STATION		FLATHEAD CO	197901	198312
029 0036	SOLAR RADIATION	BIG FORK RANGER STATION		FLATHEAD CO	197901	198012
029 0037	TSP	WHITEFISH, MT CORNER SECOND AND PINE		FLATHEAD CO	198101	198312
029 0037	NITRATE (TSP)	WHITEFISH, MT CORNER SECOND AND PINE		FLATHEAD CO	198101	198312
029 0037	SULFATE (TSP)	WHITEFISH, MT CORNER SECOND AND PINE		FLATHEAD CO	198101	198312
029 0038	WIND SPEED	C.F.JR HIGH PLAYGROUND 4TH W & 7TH ST.	COLUMBIA FALLS	FLATHEAD CO	198809	198912
029 0038	WIND DIRECTION	C.F.JR HIGH PLAYGROUND 4TH W & 7TH ST.	COLUMBIA FALLS	FLATHEAD CO	198809	198912
029 0039	PM10	WHITEFISH - MARKUS FOODS, 9 BAKER AVENUE	WHITEFISH	FLATHEAD CO	199104	
029 0039	PM10	WHITEFISH - MARKUS FOODS, 9 BAKER AVENUE	WHITEFISH	FLATHEAD CO	199510	
029 0040	TOTAL DUSTFALL	HOUSTON DUSTFALL,1326 2ND ST W,KALISPELL		FLATHEAD CO	199108	199207
029 0040	DUSTFALL COMBUSTBLE	HOUSTON DUSTFALL,1326 2ND ST W,KALISPELL		FLATHEAD CO	199108	199207
029 0041	PM10	WHITEFISH - PATTERSON CORRAL CMB	WHITEFISH	FLATHEAD CO	199301	199404
029 0042	TOTAL DUSTFALL	KALISPELL-KIGER DUSTFALL	KALISPELL	FLATHEAD CO	199212	199310
029 0042	DUSTFALL COMBUSTBLE	KALISPELL-KIGER DUSTFALL	KALISPELL	FLATHEAD CO	199212	199310
029 0043	PM10	EVERGREEN FIRESTATION 2236 HWY 2 E KSPL	KALISPELL	FLATHEAD CO	199406	
029 0044	TOTAL DUSTFALL	KALISPELL-MORRIS DUSTFALL;53 MEADOWLARK	KALISPELL	FLATHEAD CO	199407	199507
029 0044	DUSTFALL COMBUSTBLE	KALISPELL-MORRIS DUSTFALL;53 MEADOWLARK	KALISPELL	FLATHEAD CO	199407	199507
029 0045	CARBON MONOXIDE	IDAHO & MAIN, KSPL JCT US HWY 93 & 2	KALISPELL	FLATHEAD CO	199510	
029 0045	WIND SPEED	IDAHO & MAIN, KSPL JCT US HWY 93 & 2	KALISPELL	FLATHEAD CO	199604	
029 0045	WIND DIRECTION	IDAHO & MAIN, KSPL JCT US HWY 93 & 2	KALISPELL	FLATHEAD CO	199604	
029 0045	STD DEV HZ WND DIR	IDAHO & MAIN, KSPL JCT US HWY 93 & 2	KALISPELL	FLATHEAD CO	199604	
029 0046	CARBON MONOXIDE	LASER SCH-CRNR E WASHINGTON/6TH AVE EN	KALISPELL	FLATHEAD CO	199611	
029 0301	LIGHT SCATTER	BRANDT		FLATHEAD CO	197701	197812
029 0301	WIND SPEED	BRANDT		FLATHEAD CO	197901	197912
029 0301	TEMPERATURE	BRANDT		FLATHEAD CO	197901	197912
029 0301	SOLAR RADIATION	BRANDT		FLATHEAD CO	197701	197712
029 0302	WIND SPEED	GEIS		FLATHEAD CO	197901	197912
029 0302	WIND DIRECTION	GEIS		FLATHEAD CO	197901	197912
029 0302	TEMPERATURE	GEIS		FLATHEAD CO	197801	197912
029 0302	SOLAR RADIATION	GEIS		FLATHEAD CO	197701	197912
029 0304	TSP	GLACIER AIRPORT		FLATHEAD CO	197901	198212
029 0304	LIGHT SCATTER	GLACIER AIRPORT		FLATHEAD CO	197601	198312
029 0304	NITRATE (TSP)	GLACIER AIRPORT		FLATHEAD CO	197901	198212
029 0304	SULFATE (TSP)	GLACIER AIRPORT		FLATHEAD CO	197901	198212

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029	0304	WIND SPEED	GLACIER AIRPORT		FLATHEAD CO	197601	198312
029	0304	WIND DIRECTION	GLACIER AIRPORT		FLATHEAD CO	197601	198312
029	0304	TEMPERATURE	GLACIER AIRPORT		FLATHEAD CO	197901	198312
029	0304	DEW POINT	GLACIER AIRPORT		FLATHEAD CO	197901	197912
029	0304	SOLAR RADIATION	GLACIER AIRPORT		FLATHEAD CO	197601	198312
029	0304	SOLAR RADIATION	GLACIER AIRPORT		FLATHEAD CO	197901	198012
029	0304	SOLAR RADIATION	GLACIER AIRPORT		FLATHEAD CO	197901	198112
029	0304	BAROMETRIC PRESSURE	GLACIER AIRPORT		FLATHEAD CO	197801	198012
029	0308	WIND SPEED	BIG PRAIRIE		FLATHEAD CO	198001	198212
029	0308	WIND DIRECTION	BIG PRAIRIE		FLATHEAD CO	198001	198212
029	0308	TEMPERATURE	BIG PRAIRIE		FLATHEAD CO	198001	198212
029	0707	FLUORIDE (TSP)	COLUMBIA FALLS ALUMINUM-DOANE		FLATHEAD CO	198201	
029	0708	FLUORIDE (TSP)	COLUMBIA FALLS ALUMINUM-HOFFMAN		FLATHEAD CO	198201	
029	0709	FLUORIDE (TSP)	COLUMBIA FALLS ALUMINUM-LIDDLE		FLATHEAD CO	198201	199012
029	0710	FLUORIDE (TSP)	CFAC-NEW LIDDLE,7200 HWY 2E, COL FALLS	COLUMBIA FALLS	FLATHEAD CO	199105	
029	0711	PM10	CFAC-PM10 AMBIENT,2000 ALUMINUM DRIVE,CF	COLUMBIA FALLS	FLATHEAD CO	199301	
029	1002	TSP	DEHLBOM RANCH, COLUMBIA FALLS, MT		FLATHEAD CO	197301	197612
029	1002	FLUORIDE (TSP)	DEHLBOM RANCH, COLUMBIA FALLS, MT		FLATHEAD CO	198201	198312
029	1003	FLUORIDE (TSP)	FIERSTEIN RANCH, COLUMBIA FALLS, MT		FLATHEAD CO	198201	198312
029	1005	FLUORIDE (TSP)	(BADROCK SUBSTATION) W. OF HUNGRY HORSE		FLATHEAD CO	198201	198312
029	1011	TSP	MCLAUGHLIN, 222-8TH ST E	KALISPELL	FLATHEAD CO	197501	197512
029	1012	TSP	19 5TH AVE W UNIT 12	KALISPELL	FLATHEAD CO	197501	197612
029	1013	FLUORIDE (TSP)	FISH CREEK, .5 MILE N OF APGAR, MT		FLATHEAD CO	198201	198312
029	1013	SULFATION RATE	FISH CREEK, .5 MILE N OF APGAR, MT		FLATHEAD CO	198201	198312
029	1014	FLUORIDE (TSP)	LEBRIDGE RANGER STATION 1 MI NORTH		FLATHEAD CO	198201	198312
029	1014	SULFATION RATE	LEBRIDGE RANGER STATION 1 MI NORTH		FLATHEAD CO	198201	198312
029	1015	TSP	UNIVERSAL ATHLETIC, 223 MAIN ST	KALISPELL	FLATHEAD CO	198001	198712
029	1015	NITRATE (TSP)	UNIVERSAL ATHLETIC, 223 MAIN ST	KALISPELL	FLATHEAD CO	198001	198412
029	1015	SULFATE (TSP)	UNIVERSAL ATHLETIC, 223 MAIN ST	KALISPELL	FLATHEAD CO	198001	198412
029	1015	PM10	UNIVERSAL ATHLETIC, 223 MAIN ST	KALISPELL	FLATHEAD CO	198507	198712
029	1015	PM10	UNIVERSAL ATHLETIC, 223 MAIN ST	KALISPELL	FLATHEAD CO	198704	
029	1015	PM10	UNIVERSAL ATHLETIC, 223 MAIN ST	KALISPELL	FLATHEAD CO	199509	
029	1016	TSP	510 LASALLE RD. KALISPELL	KALISPELL	FLATHEAD CO	198001	198212
029	1016	NITRATE (TSP)	510 LASALLE RD. KALISPELL	KALISPELL	FLATHEAD CO	198201	198212
029	1016	SULFATE (TSP)	510 LASALLE RD. KALISPELL	KALISPELL	FLATHEAD CO	198201	198212
029	1017	TSP	COURTHOUSE EAST, 723 5TH AVE EAST	KALISPELL	FLATHEAD CO	198301	198412
029	1017	LIGHT SCATTER	COURTHOUSE EAST, 723 5TH AVE EAST	KALISPELL	FLATHEAD CO	199101	199303
029	1017	NITRATE (TSP)	COURTHOUSE EAST, 723 5TH AVE EAST	KALISPELL	FLATHEAD CO	198401	198412
029	1017	SULFATE (TSP)	COURTHOUSE EAST, 723 5TH AVE EAST	KALISPELL	FLATHEAD CO	198401	198412
029	1018	PM10	EAST MAINTENANCE BUILDING, KALISPELL	KALISPELL	FLATHEAD CO	199310	199508
029	1018	PM10	EAST MAINTENANCE BUILDING, KALISPELL	KALISPELL	FLATHEAD CO	199310	199509
029	1022	FLUORIDE (TSP)	WALTON RANGER STATION .5 MI SE OF ESSEX		FLATHEAD CO	198201	198312
029	1022	SULFATION RATE	WALTON RANGER STATION .5 MI SE OF ESSEX		FLATHEAD CO	198201	198312
029	2002	TSP	GEORGE MAYHEW 39 SUNSET DRIVE	KALISPELL	FLATHEAD CO	197101	197412
029	2002	BENZENE SOL ORG (TSP)	GEORGE MAYHEW 39 SUNSET DRIVE	KALISPELL	FLATHEAD CO	197101	197212
029	2002	CADMIUM (TSP)	GEORGE MAYHEW 39 SUNSET DRIVE	KALISPELL	FLATHEAD CO	197201	197212
029	2002	LEAD (TSP)	GEORGE MAYHEW 39 SUNSET DRIVE	KALISPELL	FLATHEAD CO	197201	197212

SITE NUMBER		PARAMETER	SITE ADDRESS		COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
029	2002	ZINC (TSP)	GEORGE MAYHEW 39 SUNSET DRIVE	KALISPELL	FLATHEAD CO	197201	197212
029	2003	FLUORIDE (TSP)	SOUTH SLOPE OF APGAR MOUNTAIN		FLATHEAD CO	198201	198312
029	2003	SULFATION RATE	SOUTH SLOPE OF APGAR MOUNTAIN		FLATHEAD CO	198201	198312
029	2005	FLUORIDE (TSP)	FLATHEAD RANGER STATION		FLATHEAD CO	198201	198312
029	2005	SULFATION RATE	FLATHEAD RANGER STATION		FLATHEAD CO	198201	198312
029	2013	TSP	140 7TH AVE. WEST KALISPELL, MONTANA	KALISPELL	FLATHEAD CO	197701	197812
029	2014	TSP	STROM RESIDENCE, 534 FOURTH AVE EAST	KALISPELL	FLATHEAD CO	197801	198012
029	2014	NITRATE (TSP)	STROM RESIDENCE, 534 FOURTH AVE EAST	KALISPELL	FLATHEAD CO	197901	198012
029	2014	SULFATE (TSP)	STROM RESIDENCE, 534 FOURTH AVE EAST	KALISPELL	FLATHEAD CO	197901	198012
029	8001	OZONE	GLACIER NATIONAL PARK		FLATHEAD CO	198901	
029	8001	OZONE	GLACIER NATIONAL PARK		FLATHEAD CO	198904	
029	8001	WIND SPEED	GLACIER NATIONAL PARK		FLATHEAD CO	198901	
029	8001	RESULTANT SPEED	GLACIER NATIONAL PARK		FLATHEAD CO	198901	
029	8001	RESULTANT DIRECTION	GLACIER NATIONAL PARK		FLATHEAD CO	198901	
029	8001	STD DEV HZ WND DIR	GLACIER NATIONAL PARK		FLATHEAD CO	198901	
029	8001	TEMPERATURE	GLACIER NATIONAL PARK		FLATHEAD CO	198901	
029	8001	TEMPERATURE DIF	GLACIER NATIONAL PARK		FLATHEAD CO	198901	
029	8001	RELATIVE HUMIDITY	GLACIER NATIONAL PARK		FLATHEAD CO	198901	
029	8001	SOLAR RADIATION	GLACIER NATIONAL PARK		FLATHEAD CO	198901	
029	8001	RAIN/MELT PRECIP.	GLACIER NATIONAL PARK		FLATHEAD CO	198901	
031	0001	TSP	TRAPHAGEN HALL, MSU - BOZEMAN, MT	BOZEMAN	GALLATIN CO	197801	198212
031	0001	ALUMINUM (TSP)	TRAPHAGEN HALL, MSU - BOZEMAN, MT	BOZEMAN	GALLATIN CO	197801	197812
031	0001	ARSENIC (TSP)	TRAPHAGEN HALL, MSU - BOZEMAN, MT	BOZEMAN	GALLATIN CO	197801	197812
031	0001	CADMIUM (TSP)	TRAPHAGEN HALL, MSU - BOZEMAN, MT	BOZEMAN	GALLATIN CO	197801	197812
031	0001	CHROMIUM (TSP)	TRAPHAGEN HALL, MSU - BOZEMAN, MT	BOZEMAN	GALLATIN CO	197801	197812
031	0001	COPPER (TSP)	TRAPHAGEN HALL, MSU - BOZEMAN, MT	BOZEMAN	GALLATIN CO	197801	197812
031	0001	IRON (TSP)	TRAPHAGEN HALL, MSU - BOZEMAN, MT	BOZEMAN	GALLATIN CO	197801	197812
031	0001	LEAD (TSP)	TRAPHAGEN HALL, MSU - BOZEMAN, MT	BOZEMAN	GALLATIN CO	197801	197812
031	0001	MANGANESE (TSP)	TRAPHAGEN HALL, MSU - BOZEMAN, MT	BOZEMAN	GALLATIN CO	197801	197812
031	0001	NICKEL (TSP)	TRAPHAGEN HALL, MSU - BOZEMAN, MT	BOZEMAN	GALLATIN CO	197801	197812
031	0001	VANADIUM (TSP)	TRAPHAGEN HALL, MSU - BOZEMAN, MT	BOZEMAN	GALLATIN CO	197801	197812
031	0001	ZINC (TSP)	TRAPHAGEN HALL, MSU - BOZEMAN, MT	BOZEMAN	GALLATIN CO	197801	197812
031	0001	NITRATE (TSP)	TRAPHAGEN HALL, MSU - BOZEMAN, MT	BOZEMAN	GALLATIN CO	197801	197912
031	0001	SULFATE (TSP)	TRAPHAGEN HALL, MSU - BOZEMAN, MT	BOZEMAN	GALLATIN CO	197801	197912
031	0002	TSP	CITY BUILDING, 34 NORTH ROUSE	BOZEMAN	GALLATIN CO	198001	198712
031	0002	SULFATE (TSP)	CITY BUILDING, 34 NORTH ROUSE	BOZEMAN	GALLATIN CO	198201	198212
031	0002	PM10	CITY BUILDING, 34 NORTH ROUSE	BOZEMAN	GALLATIN CO	198507	198712
031	0002	PM10	CITY BUILDING, 34 NORTH ROUSE	BOZEMAN	GALLATIN CO	198704	
031	0003	TSP	MSU FAMILY HOUSING, 19TH & COLLEGE ST	BOZEMAN	GALLATIN CO	198001	198112
031	0004	WIND SPEED	BIG SKY GOLF COURSE		GALLATIN CO	198201	198312
031	0004	WIND DIRECTION	BIG SKY GOLF COURSE		GALLATIN CO	198201	198312
031	0004	TEMPERATURE	BIG SKY GOLF COURSE		GALLATIN CO	198201	198312
031	0005	TSP	WHITTIER SCHOOL, 515 N 5TH AVENUE	BOZEMAN	GALLATIN CO	198101	198512
031	0007	TSP	SOURDOUGH CREEK, 211 EAST MASON STREET	BOZEMAN	GALLATIN CO	198501	198712
031	0008	PM10	BELGRADE CONAGRA,100 S BROADWAY,BELGRAD		GALLATIN CO	199110	
031	0009	PM10	W.YELLOWSTONE; YNP WEST ENTRANCE		GALLATIN CO	199410	199503
031	0012	PM10	FIREHOLE,W YLLSTN(FIRHOLE & DUNRAVEN)		GALLATIN CO	199511	

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031	1001	TSP	W. GATE GARAGE,BOX 310,W. YELLOWSTONE	GALLATIN CO	197201	197212
031	1001	BENZENE SOL ORG (TSP)	W. GATE GARAGE,BOX 310,W. YELLOWSTONE	GALLATIN CO	197201	197212
031	1003	TSP	KOBER RESIDENCE,611 2ND AVE,THREE FORKS	GALLATIN CO	197701	197812
033	0002	TSP	RANDY BILLINGS RANCH, JORDAN	GARFIELD CO	198101	198412
035	0001	TSP	ST MARY RANGER STATION (BABB)	GLACIER CO	195801	197312
035	0001	TSP	ST MARY RANGER STATION (BABB)	GLACIER CO	197401	197812
035	0001	BENZENE SOL ORG (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	195801	197012
035	0001	RADACTGROSS-BETA/TSP	ST MARY RANGER STATION (BABB)	GLACIER CO	195801	196612
035	0001	ARSENIC (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	197701	198212
035	0001	BERYLLIUM (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	196501	197612
035	0001	BERYLLIUM (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	197701	198212
035	0001	BARIUM (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	197701	198212
035	0001	CADMIUM (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	196501	196712
035	0001	CADMIUM (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	196801	197612
035	0001	CADMIUM (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	197701	198212
035	0001	CHROMIUM (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	196501	197612
035	0001	CHROMIUM (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	197701	198212
035	0001	COBALT (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	196501	197612
035	0001	COBALT (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	197701	198212
035	0001	COPPER (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	196501	197612
035	0001	COPPER (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	197701	198212
035	0001	IRON (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	196501	197612
035	0001	IRON (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	197701	198212
035	0001	LEAD (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	196501	197512
035	0001	LEAD (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	197501	198212
035	0001	MANGANESE (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	196501	197612
035	0001	MANGANESE (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	197701	198212
035	0001	MOLYBDENUM (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	197701	198212
035	0001	NICKEL (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	196501	197612
035	0001	NICKEL (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	197701	198212
035	0001	TIN (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	196501	197212
035	0001	TITANIUM (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	196501	197612
035	0001	VANADIUM (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	196501	197612
035	0001	VANADIUM (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	197701	198212
035	0001	ZINC (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	196501	196712
035	0001	ZINC (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	197701	198212
035	0001	YTTRIUM (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	196801	196812
035	0001	FLUORIDE (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	196601	197012
035	0001	AMMONIUM (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	196501	196512
035	0001	AMMONIUM (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	196601	197712
035	0001	NITRATE (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	196201	196512
035	0001	NITRATE (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	196601	197812
035	0001	SULFATE (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	196201	196512
035	0001	SULFATE (TSP)	ST MARY RANGER STATION (BABB)	GLACIER CO	196601	197812
035	0001	BENZO(A)PYRENE/TSP	ST MARY RANGER STATION (BABB)	GLACIER CO	196601	197012
035	0001	SULFUR DIOXIDE	ST MARY RANGER STATION (BABB)	GLACIER CO	196901	197312
035	0001	SULFUR DIOXIDE	ST MARY RANGER STATION (BABB)	GLACIER CO	197401	197712

SITE NUMBER		PARAMETER	SITE ADDRESS	COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
035	0001	NITROGEN DIOXIDE	ST MARY RANGER STATION (BABB)	GLACIER CO	197301	197412
035	0001	NITROGEN DIOXIDE	ST MARY RANGER STATION (BABB)	GLACIER CO	197401	197407
035	0001	NITROGEN DIOXIDE	ST MARY RANGER STATION (BABB)	GLACIER CO	197401	197812
035	0007	TSP	FIRE WEATHER STATION	GLACIER CO	198001	198512
035	0007	CADMIUM (TSP)	FIRE WEATHER STATION	GLACIER CO	198001	198212
035	0007	LEAD (TSP)	FIRE WEATHER STATION	GLACIER CO	198001	198212
035	0007	FLUORIDE (TSP)	FIRE WEATHER STATION	GLACIER CO	198001	198212
035	0007	FLUORIDE (TSP)	FIRE WEATHER STATION	GLACIER CO	198001	198312
035	0007	NITRATE (TSP)	FIRE WEATHER STATION	GLACIER CO	198001	198512
035	0007	SULFATE (TSP)	FIRE WEATHER STATION	GLACIER CO	198001	198512
035	0007	SULFATION RATE	FIRE WEATHER STATION	GLACIER CO	198201	198312
035	0010	TSP	ST. MARY RANGER STATION	GLACIER CO	198201	198512
035	0010	ARSENIC (TSP)	ST. MARY RANGER STATION	GLACIER CO	198301	198512
035	0010	BERYLLIUM (TSP)	ST. MARY RANGER STATION	GLACIER CO	198301	198512
035	0010	BARIUM (TSP)	ST. MARY RANGER STATION	GLACIER CO	198301	198512
035	0010	CADMIUM (TSP)	ST. MARY RANGER STATION	GLACIER CO	198301	198512
035	0010	CHROMIUM (TSP)	ST. MARY RANGER STATION	GLACIER CO	198301	198512
035	0010	COBALT (TSP)	ST. MARY RANGER STATION	GLACIER CO	198301	198512
035	0010	COPPER (TSP)	ST. MARY RANGER STATION	GLACIER CO	198301	198512
035	0010	IRON (TSP)	ST. MARY RANGER STATION	GLACIER CO	198301	198512
035	0010	LEAD (TSP)	ST. MARY RANGER STATION	GLACIER CO	198301	198512
035	0010	MANGANESE (TSP)	ST. MARY RANGER STATION	GLACIER CO	198301	198512
035	0010	MOLYBDENUM (TSP)	ST. MARY RANGER STATION	GLACIER CO	198301	198512
035	0010	NICKEL (TSP)	ST. MARY RANGER STATION	GLACIER CO	198301	198512
035	0010	VANADIUM (TSP)	ST. MARY RANGER STATION	GLACIER CO	198301	198512
035	0010	ZINC (TSP)	ST. MARY RANGER STATION	GLACIER CO	198301	198512
035	0010	FLUORIDE (TSP)	ST. MARY RANGER STATION	GLACIER CO	198201	198212
035	0010	FLUORIDE (TSP)	ST. MARY RANGER STATION	GLACIER CO	198201	198312
035	0010	NITRATE (TSP)	ST. MARY RANGER STATION	GLACIER CO	198001	198512
035	0010	SULFATE (TSP)	ST. MARY RANGER STATION	GLACIER CO	198001	198512
035	0010	SULFATION RATE	ST. MARY RANGER STATION	GLACIER CO	198201	198312
035	0019	SULFATION RATE	MANY GLACIER PARK ENTRANCE	GLACIER CO	198201	198312
035	0020	SULFATION RATE	TWO MEDICINE PARK ENTRANCE	GLACIER CO	198201	198312
035	0021	TOTAL DUSTFALL	HIGGINS DUSTFALL,109 2ND ST NE,CUT BANK CUT BANK	GLACIER CO	199203	
035	0021	DUSTFALL COMBUSTBLE	HIGGINS DUSTFALL,109 2ND ST NE,CUT BANK CUT BANK	GLACIER CO	199203	
035	0101	PM10	BLACKFEET TRANSIT BLDG BLOCK 34 BROWNING	GLACIER CO	199401	
035	0102	WIND SPEED	BLACKFEET INDUSTRIAL PARK, BROWNING MT	GLACIER CO	199401	
035	0102	WIND DIRECTION	BLACKFEET INDUSTRIAL PARK, BROWNING MT	GLACIER CO	199401	
035	0102	STD DEV HZ WND DIR	BLACKFEET INDUSTRIAL PARK, BROWNING MT	GLACIER CO	199401	
035	0102	LAPSE RATE	BLACKFEET INDUSTRIAL PARK, BROWNING MT	GLACIER CO	199401	
035	0102	TEMPERATURE	BLACKFEET INDUSTRIAL PARK, BROWNING MT	GLACIER CO	199401	
035	0102	TEMPERATURE DIF	BLACKFEET INDUSTRIAL PARK, BROWNING MT	GLACIER CO	199401	
035	0102	SOLAR RADIATION	BLACKFEET INDUSTRIAL PARK, BROWNING MT	GLACIER CO	199401	
035	0102	PM10	BLACKFEET INDUSTRIAL PARK, BROWNING MT	GLACIER CO	199401	
035	0103	WIND SPEED	410 LINOHE ST. EAST GLACIER, MT 59434	GLACIER CO	199401	
035	0103	WIND DIRECTION	410 LINOHE ST. EAST GLACIER, MT 59434	GLACIER CO	199401	
035	0103	STD DEV HZ WND DIR	410 LINOHE ST. EAST GLACIER, MT 59434	GLACIER CO	199401	

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035	0103	LAPSE RATE	410 LINOHE ST. EAST GLACIER, MT 59434		GLACIER CO	199401	
035	0103	TEMPERATURE	410 LINOHE ST. EAST GLACIER, MT 59434		GLACIER CO	199401	
035	0103	TEMPERATURE DIF	410 LINOHE ST. EAST GLACIER, MT 59434		GLACIER CO	199401	
035	0103	SOLAR RADIATION	410 LINOHE ST. EAST GLACIER, MT 59434		GLACIER CO	199401	
035	0103	PM10	410 LINOHE ST. EAST GLACIER, MT 59434		GLACIER CO	199504	
039	0005	TSP	MCKINLEY RES (PHILLIPSBURG)		GRANITE CO	197201	198012
039	0005	BENZENE SOL ORG (TSP)	MCKINLEY RES (PHILLIPSBURG)		GRANITE CO	197201	197212
041	0001	TSP	CITY BUILDING, 520 4TH ST	HAVRE	HILL CO	198001	198312
043	0004	TSP	KLEFFNER RESIDENCE STATION #4		JEFFERSON CO	197101	197112
043	0004	ARSENIC (TSP)	KLEFFNER RESIDENCE STATION #4		JEFFERSON CO	197101	197112
043	0004	CADMIUM (TSP)	KLEFFNER RESIDENCE STATION #4		JEFFERSON CO	197101	197112
043	0004	LEAD (TSP)	KLEFFNER RESIDENCE STATION #4		JEFFERSON CO	197101	197112
043	0004	ZINC (TSP)	KLEFFNER RESIDENCE STATION #4		JEFFERSON CO	197101	197112
043	0007	SULFUR DIOXIDE	MCCLELLAN CREEK ROAD SE OF EAST HELENA		JEFFERSON CO	197201	197512
043	0010	TSP	GOLDEN SUNLIGHT-DOWNWIND 2000,WHITEHALL		JEFFERSON CO	198108	198708
043	0011	TSP	GOLDEN SUNLIGHT #1(1000),3 MI NE WHTHALL		JEFFERSON CO	198108	199009
043	0011	ARSENIC (TSP)	GOLDEN SUNLIGHT #1(1000),3 MI NE WHTHALL		JEFFERSON CO	199007	199009
043	0011	CADMIUM (TSP)	GOLDEN SUNLIGHT #1(1000),3 MI NE WHTHALL		JEFFERSON CO	199007	199009
043	0011	CHROMIUM (TSP)	GOLDEN SUNLIGHT #1(1000),3 MI NE WHTHALL		JEFFERSON CO	199007	199009
043	0011	LEAD (TSP)	GOLDEN SUNLIGHT #1(1000),3 MI NE WHTHALL		JEFFERSON CO	199007	199009
043	0011	ZINC (TSP)	GOLDEN SUNLIGHT #1(1000),3 MI NE WHTHALL		JEFFERSON CO	199007	199009
043	0011	WIND SPEED	GOLDEN SUNLIGHT #1(1000),3 MI NE WHTHALL		JEFFERSON CO	198401	199203
043	0011	WIND DIRECTION	GOLDEN SUNLIGHT #1(1000),3 MI NE WHTHALL		JEFFERSON CO	198401	199203
043	0011	STD DEV HZ WND DIR	GOLDEN SUNLIGHT #1(1000),3 MI NE WHTHALL		JEFFERSON CO	199010	199203
043	0011	TEMPERATURE	GOLDEN SUNLIGHT #1(1000),3 MI NE WHTHALL		JEFFERSON CO	198301	199203
043	0011	PM10	GOLDEN SUNLIGHT #1(1000),3 MI NE WHTHALL		JEFFERSON CO	199009	
043	0011	ARSENIC (PM10)	GOLDEN SUNLIGHT #1(1000),3 MI NE WHTHALL		JEFFERSON CO	199009	199112
043	0011	CADMIUM (PM10)	GOLDEN SUNLIGHT #1(1000),3 MI NE WHTHALL		JEFFERSON CO	199009	199112
043	0011	CHROMIUM (PM10)	GOLDEN SUNLIGHT #1(1000),3 MI NE WHTHALL		JEFFERSON CO	199009	199112
043	0011	LEAD (PM10)	GOLDEN SUNLIGHT #1(1000),3 MI NE WHTHALL		JEFFERSON CO	199009	199112
043	0011	ZINC (PM10)	GOLDEN SUNLIGHT #1(1000),3 MI NE WHTHALL		JEFFERSON CO	199009	199112
043	0012	TSP	GOLDEN SUNLIGHT #2(4000) 3 MI NE WHTHALL		JEFFERSON CO	198301	199009
043	0012	TSP	GOLDEN SUNLIGHT #2(4000) 3 MI NE WHTHALL		JEFFERSON CO	198401	199009
043	0012	ARSENIC (TSP)	GOLDEN SUNLIGHT #2(4000) 3 MI NE WHTHALL		JEFFERSON CO	199007	199012
043	0012	CADMIUM (TSP)	GOLDEN SUNLIGHT #2(4000) 3 MI NE WHTHALL		JEFFERSON CO	199007	199012
043	0012	CHROMIUM (TSP)	GOLDEN SUNLIGHT #2(4000) 3 MI NE WHTHALL		JEFFERSON CO	199007	199012
043	0012	LEAD (TSP)	GOLDEN SUNLIGHT #2(4000) 3 MI NE WHTHALL		JEFFERSON CO	199007	199012
043	0012	ZINC (TSP)	GOLDEN SUNLIGHT #2(4000) 3 MI NE WHTHALL		JEFFERSON CO	199007	199012
043	0012	PM10	GOLDEN SUNLIGHT #2(4000) 3 MI NE WHTHALL		JEFFERSON CO	199009	
043	0012	ARSENIC (PM10)	GOLDEN SUNLIGHT #2(4000) 3 MI NE WHTHALL		JEFFERSON CO	199007	199112
043	0012	CADMIUM (PM10)	GOLDEN SUNLIGHT #2(4000) 3 MI NE WHTHALL		JEFFERSON CO	199007	199112
043	0012	CHROMIUM (PM10)	GOLDEN SUNLIGHT #2(4000) 3 MI NE WHTHALL		JEFFERSON CO	199007	199112
043	0012	LEAD (PM10)	GOLDEN SUNLIGHT #2(4000) 3 MI NE WHTHALL		JEFFERSON CO	199007	199112
043	0012	ZINC (PM10)	GOLDEN SUNLIGHT #2(4000) 3 MI NE WHTHALL		JEFFERSON CO	199007	199112
043	0013	TSP	CORBIN #1, CORBIN, MT		JEFFERSON CO	198401	198412
043	0014	TSP	CORBIN #2, CORBIN, MT		JEFFERSON CO	198401	198412
043	0015	TSP	CORBIN #3, CORBIN, MT		JEFFERSON CO	198401	198412

SITE NUMBER		PARAMETER	SITE ADDRESS	COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
043	0015	WIND SPEED	CORBIN #3, CORBIN, MT	JEFFERSON CO	198401	198412
043	0015	WIND DIRECTION	CORBIN #3, CORBIN, MT	JEFFERSON CO	198401	198412
043	0017	WIND SPEED	WICKES - 2.5 MI NW	JEFFERSON CO	198401	198412
043	0017	WIND DIRECTION	WICKES - 2.5 MI NW	JEFFERSON CO	198401	198412
043	0019	TSP	MONTANA TUNNELS-RANCH SITE #1A	JEFFERSON CO	198602	198712
043	0019	PM10	MONTANA TUNNELS-RANCH SITE #1A	JEFFERSON CO	198712	
043	0019	PM10	MONTANA TUNNELS-RANCH SITE #1A	JEFFERSON CO	198712	199112
043	0019	ARSENIC (PM10)	MONTANA TUNNELS-RANCH SITE #1A	JEFFERSON CO	198801	199112
043	0019	LEAD (PM10)	MONTANA TUNNELS-RANCH SITE #1A	JEFFERSON CO	198801	199112
043	0020	TSP	MONTANA TUNNELS-WICKES FLAT #2	JEFFERSON CO	198602	199205
043	0020	ARSENIC (TSP)	MONTANA TUNNELS-WICKES FLAT #2	JEFFERSON CO	198901	199112
043	0020	LEAD (TSP)	MONTANA TUNNELS-WICKES FLAT #2	JEFFERSON CO	198901	199112
043	0020	WIND SPEED	MONTANA TUNNELS-WICKES FLAT #2	JEFFERSON CO	198603	199203
043	0020	WIND DIRECTION	MONTANA TUNNELS-WICKES FLAT #2	JEFFERSON CO	198603	199203
043	0020	STD DEV HZ WND DIR	MONTANA TUNNELS-WICKES FLAT #2	JEFFERSON CO	199004	199203
043	0020	TEMPERATURE	MONTANA TUNNELS-WICKES FLAT #2	JEFFERSON CO	199004	199203
043	0020	PM10	MONTANA TUNNELS-WICKES FLAT #2	JEFFERSON CO	198603	
043	0021	TSP	MONTANA TUNNELS-MINA MINE #3	JEFFERSON CO	198603	198903
043	0022	TSP	MONTANA TUNNELS-CLANCY CREEK #4	JEFFERSON CO	198603	199205
043	0022	ARSENIC (TSP)	MONTANA TUNNELS-CLANCY CREEK #4	JEFFERSON CO	198901	199112
043	0022	LEAD (TSP)	MONTANA TUNNELS-CLANCY CREEK #4	JEFFERSON CO	198901	199112
043	0022	PM10	MONTANA TUNNELS-CLANCY CREEK #4	JEFFERSON CO	199205	
043	0023	TSP	MONTANA TUNNELS-TAILINGS DAM #5	JEFFERSON CO	198802	199205
043	0023	ARSENIC (TSP)	MONTANA TUNNELS-TAILINGS DAM #5	JEFFERSON CO	198901	199112
043	0023	LEAD (TSP)	MONTANA TUNNELS-TAILINGS DAM #5	JEFFERSON CO	198901	199112
043	0023	PM10	MONTANA TUNNELS-TAILINGS DAM #5	JEFFERSON CO	199205	199303
043	0024	WIND SPEED	GOLD FIELDS MINING-BOULDER FLATS #1	JEFFERSON CO	198911	199112
043	0024	WIND DIRECTION	GOLD FIELDS MINING-BOULDER FLATS #1	JEFFERSON CO	198911	199112
043	0024	STD DEV HZ WND DIR	GOLD FIELDS MINING-BOULDER FLATS #1	JEFFERSON CO	198911	199112
043	0024	PM10	GOLD FIELDS MINING-BOULDER FLATS #1	JEFFERSON CO	198911	199112
043	0024	ARSENIC (PM10)	GOLD FIELDS MINING-BOULDER FLATS #1	JEFFERSON CO	198911	199012
043	0024	CADMIUM (PM10)	GOLD FIELDS MINING-BOULDER FLATS #1	JEFFERSON CO	198911	199012
043	0024	CHROMIUM (PM10)	GOLD FIELDS MINING-BOULDER FLATS #1	JEFFERSON CO	198911	199012
043	0024	LEAD (PM10)	GOLD FIELDS MINING-BOULDER FLATS #1	JEFFERSON CO	198911	199012
043	0024	ZINC (PM10)	GOLD FIELDS MINING-BOULDER FLATS #1	JEFFERSON CO	198911	199012
043	0025	PM10	GOLD FIELDS MINING-ELKHORN SITE #2	JEFFERSON CO	198911	199112
043	0025	ARSENIC (PM10)	GOLD FIELDS MINING-ELKHORN SITE #2	JEFFERSON CO	198911	199012
043	0025	CADMIUM (PM10)	GOLD FIELDS MINING-ELKHORN SITE #2	JEFFERSON CO	198911	199012
043	0025	CHROMIUM (PM10)	GOLD FIELDS MINING-ELKHORN SITE #2	JEFFERSON CO	198911	199012
043	0025	LEAD (PM10)	GOLD FIELDS MINING-ELKHORN SITE #2	JEFFERSON CO	198911	199012
043	0025	ZINC (PM10)	GOLD FIELDS MINING-ELKHORN SITE #2	JEFFERSON CO	198911	199012
043	0026	WIND SPEED	GOLD FIELDS MINING-HEAGEN MINE #3	JEFFERSON CO	198911	199112
043	0026	WIND DIRECTION	GOLD FIELDS MINING-HEAGEN MINE #3	JEFFERSON CO	198911	199112
043	0026	STD DEV HZ WND DIR	GOLD FIELDS MINING-HEAGEN MINE #3	JEFFERSON CO	198911	199112
043	0026	TEMPERATURE	GOLD FIELDS MINING-HEAGEN MINE #3	JEFFERSON CO	198911	199112
043	0026	PM10	GOLD FIELDS MINING-HEAGEN MINE #3	JEFFERSON CO	198911	199112
043	0026	ARSENIC (PM10)	GOLD FIELDS MINING-HEAGEN MINE #3	JEFFERSON CO	198912	199012

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043 0026	CADMIUM (PM10)	GOLD FIELDS MINING-HEAGEN MINE #3	JEFFERSON CO	198912	199012
043 0026	CHROMIUM (PM10)	GOLD FIELDS MINING-HEAGEN MINE #3	JEFFERSON CO	198912	199012
043 0026	LEAD (PM10)	GOLD FIELDS MINING-HEAGEN MINE #3	JEFFERSON CO	198912	199012
043 0026	ZINC (PM10)	GOLD FIELDS MINING-HEAGEN MINE #3	JEFFERSON CO	198912	199012
043 0709	WIND SPEED	PEGASUS GOLD-BASIN CR MINE, UPWIND #1	JEFFERSON CO	198704	199012
043 0709	WIND DIRECTION	PEGASUS GOLD-BASIN CR MINE, UPWIND #1	JEFFERSON CO	198704	199012
043 0709	STD DEV HZ WND DIR	PEGASUS GOLD-BASIN CR MINE, UPWIND #1	JEFFERSON CO	198908	199012
043 0709	TEMPERATURE	PEGASUS GOLD-BASIN CR MINE, UPWIND #1	JEFFERSON CO	198901	199012
043 0709	PM10	PEGASUS GOLD-BASIN CR MINE, UPWIND #1	JEFFERSON CO	198808	199001
043 0710	TSP	PEGASUS GOLD-BASIN CR MINE, DOWNWIND #2	JEFFERSON CO	198808	198907
043 0710	PM10	PEGASUS GOLD-BASIN CR MINE, DOWNWIND #2	JEFFERSON CO	198808	198912
043 0711	PM10	PEGASUS GOLD-BASIN CR,UPWIND #3,RIMINI	JEFFERSON CO	199002	
043 0902	SULFUR DIOXIDE	SADDLE MOUNTAIN	JEFFERSON CO	197301	197412
043 0902	SULFUR DIOXIDE	SADDLE MOUNTAIN	JEFFERSON CO	197301	197512
043 0902	SULFUR DIOXIDE	SADDLE MOUNTAIN	JEFFERSON CO	197401	197712
043 0903	TSP	MICROWAVE SITE	JEFFERSON CO	197401	199112
043 0903	ALUMINUM (TSP)	MICROWAVE SITE	JEFFERSON CO	197801	197912
043 0903	ARSENIC (TSP)	MICROWAVE SITE	JEFFERSON CO	197801	197912
043 0903	CADMIUM (TSP)	MICROWAVE SITE	JEFFERSON CO	197801	197912
043 0903	CHROMIUM (TSP)	MICROWAVE SITE	JEFFERSON CO	197801	197912
043 0903	COPPER (TSP)	MICROWAVE SITE	JEFFERSON CO	197801	197912
043 0903	IRON (TSP)	MICROWAVE SITE	JEFFERSON CO	197801	197912
043 0903	LEAD (TSP)	MICROWAVE SITE	JEFFERSON CO	197701	199112
043 0903	MANGANESE (TSP)	MICROWAVE SITE	JEFFERSON CO	197801	197912
043 0903	NICKEL (TSP)	MICROWAVE SITE	JEFFERSON CO	197801	197912
043 0903	VANADIUM (TSP)	MICROWAVE SITE	JEFFERSON CO	197801	197912
043 0903	ZINC (TSP)	MICROWAVE SITE	JEFFERSON CO	197801	197912
043 0903	NITRATE (TSP)	MICROWAVE SITE	JEFFERSON CO	197701	197712
043 0903	NITRATE (TSP)	MICROWAVE SITE	JEFFERSON CO	197801	197912
043 0903	SULFATE (TSP)	MICROWAVE SITE	JEFFERSON CO	197701	197912
043 0903	SULFUR DIOXIDE	MICROWAVE SITE	JEFFERSON CO	197301	197407
043 0903	SULFUR DIOXIDE	MICROWAVE SITE	JEFFERSON CO	197301	197912
043 0903	SULFUR DIOXIDE	MICROWAVE SITE	JEFFERSON CO	197401	197912
043 0903	SULFUR DIOXIDE	MICROWAVE SITE	JEFFERSON CO	197605	
043 0903	SULFATION RATE	MICROWAVE SITE	JEFFERSON CO	197801	198112
043 0903	WIND SPEED	MICROWAVE SITE	JEFFERSON CO	197801	197912
043 0903	WIND DIRECTION	MICROWAVE SITE	JEFFERSON CO	197801	197912
043 0904	SULFUR DIOXIDE	BROUDY RANCH, MONTANA CITY, MT	JEFFERSON CO	197701	198112
043 0904	SULFATION RATE	BROUDY RANCH, MONTANA CITY, MT	JEFFERSON CO	197801	198112
043 0905	TSP	MONTANA CITY SCHOOL	JEFFERSON CO	198101	198912
043 0905	LEAD (TSP)	MONTANA CITY SCHOOL	JEFFERSON CO	198101	198512
043 0906	SULFUR DIOXIDE	ASARCO-HIGHWAY 518, EAST HELENA	JEFFERSON CO	198612	198912
043 0906	WIND SPEED	ASARCO-HIGHWAY 518, EAST HELENA	JEFFERSON CO	198801	198812
043 0906	WIND DIRECTION	ASARCO-HIGHWAY 518, EAST HELENA	JEFFERSON CO	198801	198812
043 0907	SULFUR DIOXIDE	ASARCO-ADAMS RANCH, BEHIND ASH GROVE	JEFFERSON CO	198601	198812
043 0907	WIND SPEED	ASARCO-ADAMS RANCH, BEHIND ASH GROVE	JEFFERSON CO	198601	198812
043 0907	WIND DIRECTION	ASARCO-ADAMS RANCH, BEHIND ASH GROVE	JEFFERSON CO	198601	198812

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043 0908	SULFUR DIOXIDE	ASARCO-ASH GROVE SIDING, MONTANA CITY	JEFFERSON CO	198909	
043 0909	SULFUR DIOXIDE	ASARCO-TOP OF MICROWAVE HILL, E. HELENA	JEFFERSON CO	199304	
043 0909	WIND SPEED	ASARCO-TOP OF MICROWAVE HILL, E. HELENA	JEFFERSON CO	199304	
043 0909	WIND DIRECTION	ASARCO-TOP OF MICROWAVE HILL, E. HELENA	JEFFERSON CO	199304	
043 0909	WIND DIRECTION	ASARCO-TOP OF MICROWAVE HILL, E. HELENA	JEFFERSON CO	199304	199412
043 0909	RESULTANT SPEED	ASARCO-TOP OF MICROWAVE HILL, E. HELENA	JEFFERSON CO	199304	
043 0909	RESULTANT DIRECTION	ASARCO-TOP OF MICROWAVE HILL, E. HELENA	JEFFERSON CO	199304	
043 0909	STD DEV HZ WND DIR	ASARCO-TOP OF MICROWAVE HILL, E. HELENA	JEFFERSON CO	199304	
043 0909	VERTICAL WIND SPEED	ASARCO-TOP OF MICROWAVE HILL, E. HELENA	JEFFERSON CO	199304	199412
043 0909	STD DEV VT WND SPD	ASARCO-TOP OF MICROWAVE HILL, E. HELENA	JEFFERSON CO	199304	199412
043 0909	TEMPERATURE	ASARCO-TOP OF MICROWAVE HILL, E. HELENA	JEFFERSON CO	199304	
043 0910	SULFUR DIOXIDE	ASARCO-MCCLELLAN CREEK RD #3, E. HELENA	JEFFERSON CO	199304	
043 0911	SULFUR DIOXIDE	ASARCO-MCCLELLAN CREEK RD #4, E. HELENA	JEFFERSON CO	199304	
043 0912	SULFUR DIOXIDE	ASARCO-MCCLELLAN CREEK RD #5, E. HELENA	JEFFERSON CO	199304	
043 0912	WIND SPEED	ASARCO-MCCLELLAN CREEK RD #5, E. HELENA	JEFFERSON CO	199304	
043 0912	WIND DIRECTION	ASARCO-MCCLELLAN CREEK RD #5, E. HELENA	JEFFERSON CO	199304	
043 0912	WIND DIRECTION	ASARCO-MCCLELLAN CREEK RD #5, E. HELENA	JEFFERSON CO	199304	199412
043 0912	RESULTANT SPEED	ASARCO-MCCLELLAN CREEK RD #5, E. HELENA	JEFFERSON CO	199304	
043 0912	RESULTANT DIRECTION	ASARCO-MCCLELLAN CREEK RD #5, E. HELENA	JEFFERSON CO	199304	
043 0912	STD DEV HZ WND DIR	ASARCO-MCCLELLAN CREEK RD #5, E. HELENA	JEFFERSON CO	199304	
043 0912	VERTICAL WIND SPEED	ASARCO-MCCLELLAN CREEK RD #5, E. HELENA	JEFFERSON CO	199304	199412
043 0912	STD DEV VT WND SPD	ASARCO-MCCLELLAN CREEK RD #5, E. HELENA	JEFFERSON CO	199304	199412
043 0912	TEMPERATURE	ASARCO-MCCLELLAN CREEK RD #5, E. HELENA	JEFFERSON CO	199304	
043 0913	SULFUR DIOXIDE	ASARCO-MCCLELLAN CREEK RD #6, E. HELENA	JEFFERSON CO	199304	
043 0914	SULFUR DIOXIDE	ASARCO-MCCLELLAN CREEK RD #7, E. HELENA	JEFFERSON CO	199304	
043 0915	SULFUR DIOXIDE	ASARCO-MCCLELLAN CREEK RD #8, E. HELENA	JEFFERSON CO	199304	
043 0916	SULFUR DIOXIDE	ASARCO-MCCLELLAN CREEK RD #9, E. HELENA	JEFFERSON CO	199304	
047 0007	TSP	JH HANSON RESIDENCE NEAR POLSON	LAKE CO	197301	197312
047 0008	TSP	ANKOR RASMUSSEN RESIDENCE	LAKE CO	197301	197312
047 0010	TSP	MARY LOZAR RESIDENCE, E OF POLSON, MT	LAKE CO	197901	198312
047 0010	NITRATE (TSP)	MARY LOZAR RESIDENCE, E OF POLSON, MT	LAKE CO	197901	198312
047 0010	SULFATE (TSP)	MARY LOZAR RESIDENCE, E OF POLSON, MT	LAKE CO	197901	198312
047 0010	WIND SPEED	MARY LOZAR RESIDENCE, E OF POLSON, MT	LAKE CO	198001	198312
047 0010	WIND DIRECTION	MARY LOZAR RESIDENCE, E OF POLSON, MT	LAKE CO	198001	198312
047 0010	TEMPERATURE	MARY LOZAR RESIDENCE, E OF POLSON, MT	LAKE CO	198001	198312
047 0011	TSP	RONAN, MT	LAKE CO	197801	198112
047 0011	NITRATE (TSP)	RONAN, MT	LAKE CO	197901	198012
047 0011	SULFATE (TSP)	RONAN, MT	LAKE CO	197901	198012
047 0012	TSP	RONAN-NINEPIPE	LAKE CO	198001	198312
047 0012	LIGHT SCATTER	RONAN-NINEPIPE	LAKE CO	198101	198312
047 0012	NITRATE (TSP)	RONAN-NINEPIPE	LAKE CO	198001	198312
047 0012	SULFATE (TSP)	RONAN-NINEPIPE	LAKE CO	198001	198312
047 0012	WIND SPEED	RONAN-NINEPIPE	LAKE CO	198001	198312
047 0012	WIND DIRECTION	RONAN-NINEPIPE	LAKE CO	198001	198312
047 0013	TSP	RONAN PARK	LAKE CO	198101	198912
047 0013	TSP	RONAN PARK	LAKE CO	198401	198812
047 0013	WIND SPEED	RONAN PARK	LAKE CO	199101	

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047	0013	WIND DIRECTION	RONAN PARK		LAKE CO	199101	
047	0013	STD DEV HZ WND DIR	RONAN PARK		LAKE CO	199101	
047	0013	ATMOSPHERIC STABILITY	RONAN PARK		LAKE CO	199504	
047	0013	SIZE FRACTINTD PARTI	RONAN PARK		LAKE CO	198101	198312
047	0013	PM10	RONAN PARK		LAKE CO	198808	
047	0014	TSP	SOUTHWEST ST. IGNATIUS		LAKE CO	198101	198712
047	0015	TSP	GYM ROOF IN EAST ARLEE		LAKE CO	198101	198112
047	0015	TSP	GYM ROOF IN EAST ARLEE		LAKE CO	198101	198212
047	0015	SIZE FRACTINTD PARTI	GYM ROOF IN EAST ARLEE		LAKE CO	198101	198112
047	0016	TSP	CENTRAL EVARO		LAKE CO	198101	198112
047	0017	TSP	SWAN RIVER YOUTH FOREST CAMP		LAKE CO	198201	198212
047	0017	NITRATE (TSP)	SWAN RIVER YOUTH FOREST CAMP		LAKE CO	198201	198212
047	0017	SULFATE (TSP)	SWAN RIVER YOUTH FOREST CAMP		LAKE CO	198201	198212
047	0018	TSP	POW WOW GROUNDS #2		LAKE CO	198101	198412
047	0018	SIZE FRACTINTD PARTI	POW WOW GROUNDS #2		LAKE CO	198101	198312
047	0019	FLUORIDE (TSP)	BLUE BAY 17 MILES SO. OF BIGFORK, MT		LAKE CO	198201	198212
047	0019	SULFATION RATE	BLUE BAY 17 MILES SO. OF BIGFORK, MT		LAKE CO	198201	198212
047	0020	FLUORIDE (TSP)	BOULDER 10 MILES NE OF POLSON, MT		LAKE CO	198201	198212
047	0020	SULFATION RATE	BOULDER 10 MILES NE OF POLSON, MT		LAKE CO	198201	198212
047	0021	FLUORIDE (TSP)	NARROWS 9 MI. NE OF POLSON, MT		LAKE CO	198201	198212
047	0021	SULFATION RATE	NARROWS 9 MI. NE OF POLSON, MT		LAKE CO	198201	198212
047	0022	FLUORIDE (TSP)	JETLE 7 MI. NE OF POLSON, MT		LAKE CO	198201	198212
047	0022	SULFATION RATE	JETLE 7 MI. NE OF POLSON, MT		LAKE CO	198201	198212
047	0023	FLUORIDE (TSP)	SUNNY SLOPE II 6 MI. NO. OF POLSON, MT		LAKE CO	198201	198212
047	0023	SULFATION RATE	SUNNY SLOPE II 6 MI. NO. OF POLSON, MT		LAKE CO	198201	198212
047	0025	FLUORIDE (TSP)	BIG SAM 6 MI. NO. OF EVARO, MT		LAKE CO	198201	198212
047	0025	SULFATION RATE	BIG SAM 6 MI. NO. OF EVARO, MT		LAKE CO	198201	198212
047	0026	FLUORIDE (TSP)	SADDLE MTN #1 4 MI. W. OF ARLEE, MT		LAKE CO	198201	198212
047	0026	SULFATION RATE	SADDLE MTN #1 4 MI. W. OF ARLEE, MT		LAKE CO	198201	198212
047	0027	FLUORIDE (TSP)	SADDLE MTN #2 4 MI. W. OF ARLEE, MT		LAKE CO	198201	198212
047	0027	SULFATION RATE	SADDLE MTN #2 4 MI. W. OF ARLEE, MT		LAKE CO	198201	198212
047	0028	TSP	POLSON SADDLE SHOP, 1ST STREET & 4TH AVE	POLSON	LAKE CO	198401	198912
047	0028	LIGHT SCATTER	POLSON SADDLE SHOP, 1ST STREET & 4TH AVE	POLSON	LAKE CO	198801	
047	0028	WIND SPEED	POLSON SADDLE SHOP, 1ST STREET & 4TH AVE	POLSON	LAKE CO	198601	
047	0028	WIND DIRECTION	POLSON SADDLE SHOP, 1ST STREET & 4TH AVE	POLSON	LAKE CO	198601	
047	0028	STD DEV HZ WND DIR	POLSON SADDLE SHOP, 1ST STREET & 4TH AVE	POLSON	LAKE CO	198601	
047	0028	ATMOSPHERIC STABILITY	POLSON SADDLE SHOP, 1ST STREET & 4TH AVE	POLSON	LAKE CO	199504	
047	0028	TEMPERATURE	POLSON SADDLE SHOP, 1ST STREET & 4TH AVE	POLSON	LAKE CO	198601	
047	0028	PM10	POLSON SADDLE SHOP, 1ST STREET & 4TH AVE	POLSON	LAKE CO	198505	198712
047	0028	PM10	POLSON SADDLE SHOP, 1ST STREET & 4TH AVE	POLSON	LAKE CO	198808	
047	0028	PM10	POLSON SADDLE SHOP, 1ST STREET & 4TH AVE	POLSON	LAKE CO	198808	199012
047	0028	PM10	POLSON SADDLE SHOP, 1ST STREET & 4TH AVE	POLSON	LAKE CO	199407	
047	0029	TSP	NEAR JCT OF HIWAY 93 AND RTE 28		LAKE CO	198601	198812
047	0030	PM10	FIRE STATION-POLSON, 1ST AVE & KOOTENAI	POLSON	LAKE CO	199207	199307
047	0031	PM10	US HWY 93 SOUTH AND TERRACE LAKE ROAD		LAKE CO	199303	
047	0032	PM10	CS&KT TRIBAL COMPLEX		LAKE CO	199601	
049	0001	TSP	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	195701	198712

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049	0001	TSP	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	197901	198012
049	0001	BENZENE SOL ORG (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	195701	197012
049	0001	RADACTGROSS-BETA/TSP	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	195801	196612
049	0001	ARSENIC (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	197701	197712
049	0001	BERYLLIUM (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196401	196412
049	0001	BERYLLIUM (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196501	197612
049	0001	BERYLLIUM (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	197701	197712
049	0001	BARIUM (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	197701	197712
049	0001	CADMIUM (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196401	196712
049	0001	CADMIUM (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196801	197612
049	0001	CADMIUM (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	197701	197712
049	0001	CHROMIUM (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196401	196412
049	0001	CHROMIUM (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196501	197612
049	0001	CHROMIUM (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	197701	197712
049	0001	COBALT (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196401	196412
049	0001	COBALT (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196501	197612
049	0001	COBALT (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	197701	197712
049	0001	COPPER (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196401	196412
049	0001	COPPER (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196501	197612
049	0001	COPPER (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	197701	197712
049	0001	IRON (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196401	196412
049	0001	IRON (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196501	197612
049	0001	IRON (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	197701	197712
049	0001	LEAD (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196401	196412
049	0001	LEAD (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196501	197512
049	0001	LEAD (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	197501	197512
049	0001	LEAD (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	197701	197712
049	0001	MANGANESE (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196401	196412
049	0001	MANGANESE (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196501	197612
049	0001	MANGANESE (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	197701	197712
049	0001	MOLYBDENUM (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	197701	197712
049	0001	NICKEL (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196401	196412
049	0001	NICKEL (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196501	197612
049	0001	NICKEL (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	197701	197712
049	0001	TIN (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196401	196412
049	0001	TIN (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196501	197212
049	0001	TITANIUM (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196401	196412
049	0001	TITANIUM (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196501	197612
049	0001	VANADIUM (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196401	196412
049	0001	VANADIUM (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196501	197612
049	0001	VANADIUM (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	197701	197712
049	0001	ZINC (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196401	196412
049	0001	ZINC (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196501	196712
049	0001	ZINC (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	197701	197712
049	0001	YTTRIUM (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196801	196812
049	0001	FLUORIDE (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196601	197012
049	0001	AMMONIUM (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	195701	197712

SITE NUMBER	PARAMETER	SITE ADDRESS		COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
049 0001	AMMONIUM (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196501	196512
049 0001	NITRATE (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	195701	197712
049 0001	NITRATE (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	195801	196512
049 0001	SULFATE (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	195701	197712
049 0001	SULFATE (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	195801	196512
049 0001	SULFATE (TSP)	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	198201	198212
049 0001	BENZO(A)PYRENE/TSP	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196601	197012
049 0001	TOTAL DUSTFALL	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196901	196912
049 0001	SULFUR DIOXIDE	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	197401	197512
049 0001	SULFUR DIOXIDE	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	197501	197712
049 0001	SULFATION RATE	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196801	196812
049 0001	SULFATION RATE	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196901	196912
049 0001	SILVER TARNISHING	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196901	196912
049 0001	DYED FABRIC #3	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196901	196912
049 0001	DYED FABRIC #5	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196901	196912
049 0001	DYED FABRIC #6	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196901	196912
049 0001	DYED FABRIC #7	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196901	196912
049 0001	RUBBER CRACKING	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196901	196912
049 0001	NYLON DETRIORATN	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	196901	196912
049 0001	PM10	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	198501	198712
049 0001	PM10	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	198505	198712
049 0001	PM10	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	198704	
049 0001	PM10	COGSWELL BLDG, 1401 LOCKEY	HELENA	LEWIS AND CLARK CO	198704	199012
049 0002	TSP	COGSWELL BLDG #2	HELENA	LEWIS AND CLARK CO	197801	197812
049 0002	TOTAL DUSTFALL	COGSWELL BLDG #2	HELENA	LEWIS AND CLARK CO	196801	196912
049 0002	SULFATION RATE	COGSWELL BLDG #2	HELENA	LEWIS AND CLARK CO	196801	196812
049 0002	SULFATION RATE	COGSWELL BLDG #2	HELENA	LEWIS AND CLARK CO	196801	196912
049 0002	SILVER TARNISHING	COGSWELL BLDG #2	HELENA	LEWIS AND CLARK CO	196801	196912
049 0002	STEEL CORROSION	COGSWELL BLDG #2	HELENA	LEWIS AND CLARK CO	196801	196812
049 0002	DYED FABRIC #1	COGSWELL BLDG #2	HELENA	LEWIS AND CLARK CO	196801	196812
049 0002	DYED FABRIC #3	COGSWELL BLDG #2	HELENA	LEWIS AND CLARK CO	196801	196912
049 0002	DYED FABRIC #5	COGSWELL BLDG #2	HELENA	LEWIS AND CLARK CO	196801	196912
049 0002	DYED FABRIC #6	COGSWELL BLDG #2	HELENA	LEWIS AND CLARK CO	196801	196912
049 0002	DYED FABRIC #7	COGSWELL BLDG #2	HELENA	LEWIS AND CLARK CO	196801	196912
049 0002	DYED FABRIC #8	COGSWELL BLDG #2	HELENA	LEWIS AND CLARK CO	196801	196812
049 0002	DYED FABRIC #9	COGSWELL BLDG #2	HELENA	LEWIS AND CLARK CO	196801	196812
049 0002	RUBBER CRACKING	COGSWELL BLDG #2	HELENA	LEWIS AND CLARK CO	196901	196912
049 0002	NYLON DETRIORATN	COGSWELL BLDG #2	HELENA	LEWIS AND CLARK CO	196801	196912
049 0003	SULFUR DIOXIDE	WEGNER RANCH		LEWIS AND CLARK CO	197201	197212
049 0006	TSP	120 E MAIN (E. HELENA)	EAST HELENA	LEWIS AND CLARK CO	197201	197401
049 0006	ARSENIC (TSP)	120 E MAIN (E. HELENA)	EAST HELENA	LEWIS AND CLARK CO	197201	197401
049 0006	CADMIUM (TSP)	120 E MAIN (E. HELENA)	EAST HELENA	LEWIS AND CLARK CO	197201	197401
049 0006	LEAD (TSP)	120 E MAIN (E. HELENA)	EAST HELENA	LEWIS AND CLARK CO	197201	197401
049 0006	ZINC (TSP)	120 E MAIN (E. HELENA)	EAST HELENA	LEWIS AND CLARK CO	197201	197401
049 0007	TSP	SCHNEIDER RESIDENCE, 525 PRICKLY PEAR	EAST HELENA	LEWIS AND CLARK CO	198301	198312
049 0007	ARSENIC (TSP)	SCHNEIDER RESIDENCE, 525 PRICKLY PEAR	EAST HELENA	LEWIS AND CLARK CO	198307	198312
049 0007	CADMIUM (TSP)	SCHNEIDER RESIDENCE, 525 PRICKLY PEAR	EAST HELENA	LEWIS AND CLARK CO	198301	198312

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049	0007	COPPER (TSP)	SCHNEIDER RESIDENCE, 525 PRICKLY PEAR	EAST HELENA	LEWIS AND CLARK CO	198301	198312
049	0007	LEAD (TSP)	SCHNEIDER RESIDENCE, 525 PRICKLY PEAR	EAST HELENA	LEWIS AND CLARK CO	198301	198312
049	0007	ZINC (TSP)	SCHNEIDER RESIDENCE, 525 PRICKLY PEAR	EAST HELENA	LEWIS AND CLARK CO	198301	198312
049	0008	TSP	A&W EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	197912	198112
049	0008	ARSENIC (TSP)	A&W EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	197901	198112
049	0008	CADMIUM (TSP)	A&W EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	197901	198112
049	0008	CHROMIUM (TSP)	A&W EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	197901	198012
049	0008	COPPER (TSP)	A&W EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	197901	198112
049	0008	LEAD (TSP)	A&W EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	197912	198112
049	0008	MANGANESE (TSP)	A&W EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	197901	198012
049	0008	NICKEL (TSP)	A&W EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	197901	198012
049	0008	VANADIUM (TSP)	A&W EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	197901	198012
049	0008	ZINC (TSP)	A&W EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049	0008	NITRATE (TSP)	A&W EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198001	198012
049	0008	SULFATE (TSP)	A&W EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198001	198012
049	0008	SULFUR DIOXIDE	A&W EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	197912	198112
049	0008	SULFATION RATE	A&W EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198001	198112
049	0008	WIND SPEED	A&W EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198001	198012
049	0008	WIND DIRECTION	A&W EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198001	198012
049	0009	PM10	1065 PHILLIPS LANE	HELENA	LEWIS AND CLARK CO	198506	198712
049	0009	PM10	1065 PHILLIPS LANE	HELENA	LEWIS AND CLARK CO	198704	198712
049	0011	TSP	PHELPS DODGE CORP.SEVEN-UP PETE #2		LEWIS AND CLARK CO	197901	197912
049	0011	ARSENIC (TSP)	PHELPS DODGE CORP.SEVEN-UP PETE #2		LEWIS AND CLARK CO	197901	197912
049	0011	CADMIUM (TSP)	PHELPS DODGE CORP.SEVEN-UP PETE #2		LEWIS AND CLARK CO	197901	197912
049	0011	CHROMIUM (TSP)	PHELPS DODGE CORP.SEVEN-UP PETE #2		LEWIS AND CLARK CO	197901	197912
049	0011	COPPER (TSP)	PHELPS DODGE CORP.SEVEN-UP PETE #2		LEWIS AND CLARK CO	197901	197912
049	0011	LEAD (TSP)	PHELPS DODGE CORP.SEVEN-UP PETE #2		LEWIS AND CLARK CO	197901	197912
049	0011	MANGANESE (TSP)	PHELPS DODGE CORP.SEVEN-UP PETE #2		LEWIS AND CLARK CO	197901	197912
049	0011	NICKEL (TSP)	PHELPS DODGE CORP.SEVEN-UP PETE #2		LEWIS AND CLARK CO	197901	197912
049	0011	VANADIUM (TSP)	PHELPS DODGE CORP.SEVEN-UP PETE #2		LEWIS AND CLARK CO	197901	197912
049	0011	NITRATE (TSP)	PHELPS DODGE CORP.SEVEN-UP PETE #2		LEWIS AND CLARK CO	197901	197912
049	0011	SULFATE (TSP)	PHELPS DODGE CORP.SEVEN-UP PETE #2		LEWIS AND CLARK CO	197901	197912
049	0011	SULFUR DIOXIDE	PHELPS DODGE CORP.SEVEN-UP PETE #2		LEWIS AND CLARK CO	197501	197912
049	0011	SULFATION RATE	PHELPS DODGE CORP.SEVEN-UP PETE #2		LEWIS AND CLARK CO	197801	198112
049	0012	TSP	PHELPS DODGE CORP.MCDONALD MEADOWS #1		LEWIS AND CLARK CO	198001	198112
049	0012	LEAD (TSP)	PHELPS DODGE CORP.MCDONALD MEADOWS #1		LEWIS AND CLARK CO	198001	198112
049	0013	TSP	CAPITAL COURTS, 1013 DEARBORN AVE	HELENA	LEWIS AND CLARK CO	198001	198812
049	0013	SULFATE (TSP)	CAPITAL COURTS, 1013 DEARBORN AVE	HELENA	LEWIS AND CLARK CO	198201	198212
049	0014	TSP	SUNHAVEN, 117 VALLEY DRIVE, HELENA	HELENA	LEWIS AND CLARK CO	198101	198112
049	0015	TSP	SUPERSAVE GROCERY, NORTHGATE SHOPPING	HELENA	LEWIS AND CLARK CO	198201	198212
049	0016	TSP	COONEY HOME, 3404 COONEY DR, N. HELENA	HELENA	LEWIS AND CLARK CO	198201	198512
049	0018	LIGHT SCATTER	LINCOLN SCHOOL PARKING LOT, 1325 POPLAR	HELENA	LEWIS AND CLARK CO	198812	199302
049	0018	WIND SPEED	LINCOLN SCHOOL PARKING LOT, 1325 POPLAR	HELENA	LEWIS AND CLARK CO	198812	198912
049	0018	WIND DIRECTION	LINCOLN SCHOOL PARKING LOT, 1325 POPLAR	HELENA	LEWIS AND CLARK CO	198812	198912
049	0018	PM10	LINCOLN SCHOOL PARKING LOT, 1325 POPLAR	HELENA	LEWIS AND CLARK CO	198810	

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049 0018	PM10	LINCOLN SCHOOL PARKING LOT, 1325 POPLAR	HELENA	LEWIS AND CLARK CO	198811	198912
049 0018	PM10	LINCOLN SCHOOL PARKING LOT, 1325 POPLAR	HELENA	LEWIS AND CLARK CO	199310	
049 0020	WIND SPEED	PEGASUS GOLD-BASIN CR,DOWNWIND #4,RIMINI		LEWIS AND CLARK CO	199102	
049 0020	WIND DIRECTION	PEGASUS GOLD-BASIN CR,DOWNWIND #4,RIMINI		LEWIS AND CLARK CO	199102	
049 0020	STD DEV HZ WND DIR	PEGASUS GOLD-BASIN CR,DOWNWIND #4,RIMINI		LEWIS AND CLARK CO	199102	
049 0020	TEMPERATURE	PEGASUS GOLD-BASIN CR,DOWNWIND #4,RIMINI		LEWIS AND CLARK CO	199102	
049 0020	PM10	PEGASUS GOLD-BASIN CR,DOWNWIND #4,RIMINI		LEWIS AND CLARK CO	199001	
049 0021	PM10	INLAND GOLD-BIG BLACKFOOT,CEMETERY #1		LEWIS AND CLARK CO	199005	199105
049 0022	PM10	INLAND GOLD-BIG BLACKFOOT,ANDERSON #2		LEWIS AND CLARK CO	199005	199105
049 0023	PM10	INLAND GOLD-BIG BLACKFOOT-POWERLINE #3		LEWIS AND CLARK CO	199007	199105
049 0701	SULFUR DIOXIDE	ASARCO-KLEFFNER ROAD, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	196812	
049 0702	SULFUR DIOXIDE	ASARCO-WATER TANK, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	196812	
049 0703	SULFUR DIOXIDE	ASARCO-KENNEDY PARK, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	196812	
049 0703	WIND SPEED	ASARCO-KENNEDY PARK, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198912	
049 0703	WIND DIRECTION	ASARCO-KENNEDY PARK, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198912	
049 0703	WIND DIRECTION	ASARCO-KENNEDY PARK, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	199304	199412
049 0703	RESULTANT SPEED	ASARCO-KENNEDY PARK, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	199304	
049 0703	RESULTANT DIRECTION	ASARCO-KENNEDY PARK, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	199304	
049 0703	STD DEV HZ WND DIR	ASARCO-KENNEDY PARK, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198912	
049 0703	VERTICAL WIND SPEED	ASARCO-KENNEDY PARK, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	199304	199412
049 0703	STD DEV VT WND SPD	ASARCO-KENNEDY PARK, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	199304	199412
049 0703	TEMPERATURE	ASARCO-KENNEDY PARK, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198912	
049 0711	SULFUR DIOXIDE	ASARCO-EAST, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	197605	199206
049 0712	TSP	ASARCO-VOLLMER RESIDENCE, E OF SMELTER	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0712	ARSENIC (TSP)	ASARCO-VOLLMER RESIDENCE, E OF SMELTER	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0712	CADMIUM (TSP)	ASARCO-VOLLMER RESIDENCE, E OF SMELTER	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0712	COPPER (TSP)	ASARCO-VOLLMER RESIDENCE, E OF SMELTER	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0712	LEAD (TSP)	ASARCO-VOLLMER RESIDENCE, E OF SMELTER	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0712	ZINC (TSP)	ASARCO-VOLLMER RESIDENCE, E OF SMELTER	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0712	SULFATION RATE	ASARCO-VOLLMER RESIDENCE, E OF SMELTER	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0713	TSP	ASARCO-CANAL, 3/4 MI EAST OF SMELTER	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0713	ARSENIC (TSP)	ASARCO-CANAL, 3/4 MI EAST OF SMELTER	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0713	CADMIUM (TSP)	ASARCO-CANAL, 3/4 MI EAST OF SMELTER	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0713	COPPER (TSP)	ASARCO-CANAL, 3/4 MI EAST OF SMELTER	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0713	LEAD (TSP)	ASARCO-CANAL, 3/4 MI EAST OF SMELTER	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0713	ZINC (TSP)	ASARCO-CANAL, 3/4 MI EAST OF SMELTER	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0713	SULFATION RATE	ASARCO-CANAL, 3/4 MI EAST OF SMELTER	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0714	TSP	FIREHALL,CORNER PACIFIC&MORTON,E.HELENA	EAST HELENA	LEWIS AND CLARK CO	198101	
049 0714	TSP	FIREHALL,CORNER PACIFIC&MORTON,E.HELENA	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0714	ARSENIC (TSP)	FIREHALL,CORNER PACIFIC&MORTON,E.HELENA	EAST HELENA	LEWIS AND CLARK CO	198101	
049 0714	ARSENIC (TSP)	FIREHALL,CORNER PACIFIC&MORTON,E.HELENA	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0714	CADMIUM (TSP)	FIREHALL,CORNER PACIFIC&MORTON,E.HELENA	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0714	CADMIUM (TSP)	FIREHALL,CORNER PACIFIC&MORTON,E.HELENA	EAST HELENA	LEWIS AND CLARK CO	198102	
049 0714	CHROMIUM (TSP)	FIREHALL,CORNER PACIFIC&MORTON,E.HELENA	EAST HELENA	LEWIS AND CLARK CO	198101	
049 0714	CHROMIUM (TSP)	FIREHALL,CORNER PACIFIC&MORTON,E.HELENA	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0714	COPPER (TSP)	FIREHALL,CORNER PACIFIC&MORTON,E.HELENA	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0714	COPPER (TSP)	FIREHALL,CORNER PACIFIC&MORTON,E.HELENA	EAST HELENA	LEWIS AND CLARK CO	198102	

SITE NUMBER	PARAMETER	SITE ADDRESS		COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
049 0714	IRON (TSP)	FIREHALL,CORNER PACIFIC&MORTON,E.HELENA	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0714	LEAD (TSP)	FIREHALL,CORNER PACIFIC&MORTON,E.HELENA	EAST HELENA	LEWIS AND CLARK CO	198101	
049 0714	LEAD (TSP)	FIREHALL,CORNER PACIFIC&MORTON,E.HELENA	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0714	NICKEL (TSP)	FIREHALL,CORNER PACIFIC&MORTON,E.HELENA	EAST HELENA	LEWIS AND CLARK CO	199507	
049 0714	TIN (TSP)	FIREHALL,CORNER PACIFIC&MORTON,E.HELENA	EAST HELENA	LEWIS AND CLARK CO	198701	198812
049 0714	ZINC (TSP)	FIREHALL,CORNER PACIFIC&MORTON,E.HELENA	EAST HELENA	LEWIS AND CLARK CO	198301	
049 0714	SULFATION RATE	FIREHALL,CORNER PACIFIC&MORTON,E.HELENA	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0714	WIND SPEED	FIREHALL,CORNER PACIFIC&MORTON,E.HELENA	EAST HELENA	LEWIS AND CLARK CO	198912	
049 0714	WIND DIRECTION	FIREHALL,CORNER PACIFIC&MORTON,E.HELENA	EAST HELENA	LEWIS AND CLARK CO	198912	
049 0714	STD DEV HZ WND DIR	FIREHALL,CORNER PACIFIC&MORTON,E.HELENA	EAST HELENA	LEWIS AND CLARK CO	198912	
049 0714	TEMPERATURE	FIREHALL,CORNER PACIFIC&MORTON,E.HELENA	EAST HELENA	LEWIS AND CLARK CO	198912	
049 0715	TSP	ASARCO-PADBURY, SO OF HIWAY DEPT		LEWIS AND CLARK CO	198101	198112
049 0715	ARSENIC (TSP)	ASARCO-PADBURY, SO OF HIWAY DEPT		LEWIS AND CLARK CO	198101	198112
049 0715	CADMIUM (TSP)	ASARCO-PADBURY, SO OF HIWAY DEPT		LEWIS AND CLARK CO	198101	198112
049 0715	COPPER (TSP)	ASARCO-PADBURY, SO OF HIWAY DEPT		LEWIS AND CLARK CO	198101	198112
049 0715	LEAD (TSP)	ASARCO-PADBURY, SO OF HIWAY DEPT		LEWIS AND CLARK CO	198101	198112
049 0715	ZINC (TSP)	ASARCO-PADBURY, SO OF HIWAY DEPT		LEWIS AND CLARK CO	198101	198112
049 0716	TSP	KLEFFNER FIELD		LEWIS AND CLARK CO	198101	198512
049 0716	ARSENIC (TSP)	KLEFFNER FIELD		LEWIS AND CLARK CO	198101	198512
049 0716	CADMIUM (TSP)	KLEFFNER FIELD		LEWIS AND CLARK CO	198110	198512
049 0716	COPPER (TSP)	KLEFFNER FIELD		LEWIS AND CLARK CO	198110	198512
049 0716	LEAD (TSP)	KLEFFNER FIELD		LEWIS AND CLARK CO	198101	198512
049 0716	ZINC (TSP)	KLEFFNER FIELD		LEWIS AND CLARK CO	198110	198512
049 0719	TSP	HADFIELD, 101 WEST MAIN, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198101	199012
049 0719	TSP	HADFIELD, 101 WEST MAIN, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198101	199306
049 0719	ARSENIC (TSP)	HADFIELD, 101 WEST MAIN, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198101	198512
049 0719	CADMIUM (TSP)	HADFIELD, 101 WEST MAIN, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198110	198512
049 0719	CADMIUM (TSP)	HADFIELD, 101 WEST MAIN, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198201	198512
049 0719	COPPER (TSP)	HADFIELD, 101 WEST MAIN, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198110	198512
049 0719	COPPER (TSP)	HADFIELD, 101 WEST MAIN, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198201	198512
049 0719	LEAD (TSP)	HADFIELD, 101 WEST MAIN, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198101	199306
049 0719	LEAD (TSP)	HADFIELD, 101 WEST MAIN, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198201	199012
049 0719	ZINC (TSP)	HADFIELD, 101 WEST MAIN, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198110	198512
049 0719	ZINC (TSP)	HADFIELD, 101 WEST MAIN, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198201	198512
049 0719	WIND SPEED	HADFIELD, 101 WEST MAIN, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0719	WIND DIRECTION	HADFIELD, 101 WEST MAIN, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198101	198112
049 0719	PM10	HADFIELD, 101 WEST MAIN, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198807	199303
049 0719	LEAD (PM10)	HADFIELD, 101 WEST MAIN, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198807	199108
049 0721	WIND SPEED	ASARCO - ZINC PLANT, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198912	
049 0721	WIND DIRECTION	ASARCO - ZINC PLANT, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198912	
049 0721	WIND DIRECTION	ASARCO - ZINC PLANT, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	199304	199412
049 0721	RESULTANT SPEED	ASARCO - ZINC PLANT, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	199304	
049 0721	RESULTANT DIRECTION	ASARCO - ZINC PLANT, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	199304	
049 0721	STD DEV HZ WND DIR	ASARCO - ZINC PLANT, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198912	
049 0721	VERTICAL WIND SPEED	ASARCO - ZINC PLANT, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	199304	199412
049 0721	STD DEV VT WND SPD	ASARCO - ZINC PLANT, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	199304	199412
049 0721	TEMPERATURE	ASARCO - ZINC PLANT, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198912	

SITE NUMBER	PARAMETER	SITE ADDRESS		COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
049 0721	TEMPERATURE	ASARCO - ZINC PLANT, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	199304	
049 0721	TEMPERATURE DIF	ASARCO - ZINC PLANT, EAST HELENA	EAST HELENA	LEWIS AND CLARK CO	198912	
049 0722	TSP	DARTMAN RANCH, NORTH OF EAST HELENA		LEWIS AND CLARK CO	198201	198312
049 0722	ARSENIC (TSP)	DARTMAN RANCH, NORTH OF EAST HELENA		LEWIS AND CLARK CO	198209	198312
049 0722	CADMIUM (TSP)	DARTMAN RANCH, NORTH OF EAST HELENA		LEWIS AND CLARK CO	198201	198312
049 0722	COPPER (TSP)	DARTMAN RANCH, NORTH OF EAST HELENA		LEWIS AND CLARK CO	198201	198312
049 0722	LEAD (TSP)	DARTMAN RANCH, NORTH OF EAST HELENA		LEWIS AND CLARK CO	198201	198312
049 0722	ZINC (TSP)	DARTMAN RANCH, NORTH OF EAST HELENA		LEWIS AND CLARK CO	198201	198312
049 0724	TSP	DARTMAN FIELD, NORTH OF EAST HELENA		LEWIS AND CLARK CO	198301	
049 0724	ARSENIC (TSP)	DARTMAN FIELD, NORTH OF EAST HELENA		LEWIS AND CLARK CO	198306	198512
049 0724	CADMIUM (TSP)	DARTMAN FIELD, NORTH OF EAST HELENA		LEWIS AND CLARK CO	198301	198512
049 0724	COPPER (TSP)	DARTMAN FIELD, NORTH OF EAST HELENA		LEWIS AND CLARK CO	198301	198812
049 0724	LEAD (TSP)	DARTMAN FIELD, NORTH OF EAST HELENA		LEWIS AND CLARK CO	198306	
049 0724	ZINC (TSP)	DARTMAN FIELD, NORTH OF EAST HELENA		LEWIS AND CLARK CO	198301	198912
049 0724	PM10	DARTMAN FIELD, NORTH OF EAST HELENA		LEWIS AND CLARK CO	198711	198912
049 0724	COPPER (PM10)	DARTMAN FIELD, NORTH OF EAST HELENA		LEWIS AND CLARK CO	198711	198812
049 0724	LEAD (PM10)	DARTMAN FIELD, NORTH OF EAST HELENA		LEWIS AND CLARK CO	198711	198912
049 0726	TSP	OLD RAILROAD,HWAY 518 & TRUCK RD,E HELNA	EAST HELENA	LEWIS AND CLARK CO	198911	
049 0726	LEAD (TSP)	OLD RAILROAD,HWAY 518 & TRUCK RD,E HELNA	EAST HELENA	LEWIS AND CLARK CO	198911	
049 0726	WIND SPEED	OLD RAILROAD,HWAY 518 & TRUCK RD,E HELNA	EAST HELENA	LEWIS AND CLARK CO	198912	
049 0726	WIND DIRECTION	OLD RAILROAD,HWAY 518 & TRUCK RD,E HELNA	EAST HELENA	LEWIS AND CLARK CO	198912	
049 0726	WIND DIRECTION	OLD RAILROAD,HWAY 518 & TRUCK RD,E HELNA	EAST HELENA	LEWIS AND CLARK CO	199304	199412
049 0726	RESULTANT SPEED	OLD RAILROAD,HWAY 518 & TRUCK RD,E HELNA	EAST HELENA	LEWIS AND CLARK CO	199304	
049 0726	RESULTANT DIRECTION	OLD RAILROAD,HWAY 518 & TRUCK RD,E HELNA	EAST HELENA	LEWIS AND CLARK CO	199304	
049 0726	STD DEV HZ WND DIR	OLD RAILROAD,HWAY 518 & TRUCK RD,E HELNA	EAST HELENA	LEWIS AND CLARK CO	198912	
049 0726	VERTICAL WIND SPEED	OLD RAILROAD,HWAY 518 & TRUCK RD,E HELNA	EAST HELENA	LEWIS AND CLARK CO	199304	199412
049 0726	STD DEV VT WND SPD	OLD RAILROAD,HWAY 518 & TRUCK RD,E HELNA	EAST HELENA	LEWIS AND CLARK CO	199304	199412
049 0726	TEMPERATURE	OLD RAILROAD,HWAY 518 & TRUCK RD,E HELNA	EAST HELENA	LEWIS AND CLARK CO	198912	
049 0727	TSP	PRICKLY PEAR CRK, 21 EAST PACIFIC	EAST HELENA	LEWIS AND CLARK CO	199311	
049 0727	COPPER (TSP)	PRICKLY PEAR CRK, 21 EAST PACIFIC	EAST HELENA	LEWIS AND CLARK CO	199405	
049 0727	LEAD (TSP)	PRICKLY PEAR CRK, 21 EAST PACIFIC	EAST HELENA	LEWIS AND CLARK CO	199311	
049 0901	SULFUR DIOXIDE	DEACONESS HILL	HELENA	LEWIS AND CLARK CO	197301	197412
049 0901	SULFUR DIOXIDE	DEACONESS HILL	HELENA	LEWIS AND CLARK CO	197301	197512
049 1002	TSP	HASTIE RESIDENCE, 212 PACIFIC ST	EAST HELENA	LEWIS AND CLARK CO	197401	198512
049 1002	ALUMINUM (TSP)	HASTIE RESIDENCE, 212 PACIFIC ST	EAST HELENA	LEWIS AND CLARK CO	197801	197912
049 1002	ARSENIC (TSP)	HASTIE RESIDENCE, 212 PACIFIC ST	EAST HELENA	LEWIS AND CLARK CO	197801	198512
049 1002	CADMIUM (TSP)	HASTIE RESIDENCE, 212 PACIFIC ST	EAST HELENA	LEWIS AND CLARK CO	197801	198512
049 1002	CHROMIUM (TSP)	HASTIE RESIDENCE, 212 PACIFIC ST	EAST HELENA	LEWIS AND CLARK CO	197801	198112
049 1002	COPPER (TSP)	HASTIE RESIDENCE, 212 PACIFIC ST	EAST HELENA	LEWIS AND CLARK CO	197809	198512
049 1002	IRON (TSP)	HASTIE RESIDENCE, 212 PACIFIC ST	EAST HELENA	LEWIS AND CLARK CO	197801	198112
049 1002	LEAD (TSP)	HASTIE RESIDENCE, 212 PACIFIC ST	EAST HELENA	LEWIS AND CLARK CO	197701	198512
049 1002	MANGANESE (TSP)	HASTIE RESIDENCE, 212 PACIFIC ST	EAST HELENA	LEWIS AND CLARK CO	197801	198012
049 1002	NICKEL (TSP)	HASTIE RESIDENCE, 212 PACIFIC ST	EAST HELENA	LEWIS AND CLARK CO	197801	198012
049 1002	VANADIUM (TSP)	HASTIE RESIDENCE, 212 PACIFIC ST	EAST HELENA	LEWIS AND CLARK CO	197801	198012
049 1002	ZINC (TSP)	HASTIE RESIDENCE, 212 PACIFIC ST	EAST HELENA	LEWIS AND CLARK CO	197809	198512
049 1002	NITRATE (TSP)	HASTIE RESIDENCE, 212 PACIFIC ST	EAST HELENA	LEWIS AND CLARK CO	197701	197712
049 1002	NITRATE (TSP)	HASTIE RESIDENCE, 212 PACIFIC ST	EAST HELENA	LEWIS AND CLARK CO	197801	198012

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049	1002	SULFATE (TSP)	HASTIE RESIDENCE, 212 PACIFIC ST	EAST HELENA	LEWIS AND CLARK CO	197701	198012
049	1002	SULFATION RATE	HASTIE RESIDENCE, 212 PACIFIC ST	EAST HELENA	LEWIS AND CLARK CO	197801	198112
053	0001	TSP	JACK BROWN RESIDENCE TROY,MONTANA		LINCOLN CO	197701	197812
053	0002	TSP	RAY SAMPSON RESIDENCE SOUTH OF TROY, MON		LINCOLN CO	197701	197812
053	0004	TSP	ASARCO-TROY,LITTLE JOE,TROY		LINCOLN CO	198201	199012
053	0005	TSP	REUTER RESIDENCE	LIBBY	LINCOLN CO	197201	197312
053	0005	CADMIUM (TSP)	REUTER RESIDENCE	LIBBY	LINCOLN CO	197201	197212
053	0005	LEAD (TSP)	REUTER RESIDENCE	LIBBY	LINCOLN CO	197201	197212
053	0005	ZINC (TSP)	REUTER RESIDENCE	LIBBY	LINCOLN CO	197201	197212
053	0006	TOTAL DUSTFALL	BURRIS RESIDENCE, SOUTH OF TROY		LINCOLN CO	198401	198512
053	0007	TSP	KENDALL FIELD, FARM TO MARKET ROAD	LIBBY	LINCOLN CO	198705	198712
053	0007	PM10	KENDALL FIELD, FARM TO MARKET ROAD	LIBBY	LINCOLN CO	198711	198812
053	0009	TSP	SVERDRUP RESIDENCE, 120 LARCH	LIBBY	LINCOLN CO	197401	197712
053	0010	TSP	BROWN RESIDENCE, 1119 DAKOTA	LIBBY	LINCOLN CO	197701	198512
053	0010	NITRATE (TSP)	BROWN RESIDENCE, 1119 DAKOTA	LIBBY	LINCOLN CO	197901	198012
053	0010	SULFATE (TSP)	BROWN RESIDENCE, 1119 DAKOTA	LIBBY	LINCOLN CO	197901	198212
053	0012	TSP	LINCOLN CO COURTHOUSE,418 MINERAL AVE	LIBBY	LINCOLN CO	198301	198712
053	0012	TSP	LINCOLN CO COURTHOUSE,418 MINERAL AVE	LIBBY	LINCOLN CO	198401	198712
053	0012	PM10	LINCOLN CO COURTHOUSE,418 MINERAL AVE	LIBBY	LINCOLN CO	198501	198712
053	0012	PM10	LINCOLN CO COURTHOUSE,418 MINERAL AVE	LIBBY	LINCOLN CO	198505	198712
053	0012	PM10	LINCOLN CO COURTHOUSE,418 MINERAL AVE	LIBBY	LINCOLN CO	198704	199012
053	0012	PM10	LINCOLN CO COURTHOUSE,418 MINERAL AVE	LIBBY	LINCOLN CO	198704	199503
053	0013	LIGHT SCATTER	RIVER SITE, LIBBY, MT	LIBBY	LINCOLN CO	198501	198612
053	0017	TOTAL DUSTFALL	HORELICK 707 MICHIGAN AVE LIBBY MT	LIBBY	LINCOLN CO	198501	199305
053	0017	DUSTFALL COMBUSTBLE	HORELICK 707 MICHIGAN AVE LIBBY MT	LIBBY	LINCOLN CO	198501	199305
053	0018	LIGHT SCATTER	COUNTY COURTHOUSE ANNEX - LIBBY	LIBBY	LINCOLN CO	198612	199310
053	0018	WIND SPEED	COUNTY COURTHOUSE ANNEX - LIBBY	LIBBY	LINCOLN CO	198711	198812
053	0018	WIND DIRECTION	COUNTY COURTHOUSE ANNEX - LIBBY	LIBBY	LINCOLN CO	198711	198812
053	0018	PM10	COUNTY COURTHOUSE ANNEX - LIBBY	LIBBY	LINCOLN CO	199310	
053	0019	PM10	TROY HIGH SCHOOL,116 E MISSOULA, TROY		LINCOLN CO	199110	199506
053	1005	TSP	LINCOLN ELEC CO-OP, HWY 93 NEAR EUREKA		LINCOLN CO	198401	198712
053	1005	PM10	LINCOLN ELEC CO-OP, HWY 93 NEAR EUREKA		LINCOLN CO	198710	199212
055	0001	TSP	TV HILL (FORT PECK)		MC CONE CO	197401	197912
055	0001	SULFUR DIOXIDE	TV HILL (FORT PECK)		MC CONE CO	197401	197512
055	0001	SULFUR DIOXIDE	TV HILL (FORT PECK)		MC CONE CO	197601	197712
055	0001	NITROGEN DIOXIDE	TV HILL (FORT PECK)		MC CONE CO	197401	197512
055	0001	NITROGEN DIOXIDE	TV HILL (FORT PECK)		MC CONE CO	197601	197812
055	0001	WIND SPEED	TV HILL (FORT PECK)		MC CONE CO	197801	197912
055	0001	WIND DIRECTION	TV HILL (FORT PECK)		MC CONE CO	197801	197912
057	0001	TSP	CYPRUS IND-YELLOWSTONE MINE #1,THREE FK		MADISON CO	198301	198412
057	0001	TSP	CYPRUS IND-YELLOWSTONE MINE #1,THREE FK		MADISON CO	198401	198912
057	0003	TSP	CYPRUS IND-YELLOWSTONE MINE #3,THREE FK		MADISON CO	198301	198412
057	0003	WIND SPEED	CYPRUS IND-YELLOWSTONE MINE #3,THREE FK		MADISON CO	198401	198412
057	0003	WIND DIRECTION	CYPRUS IND-YELLOWSTONE MINE #3,THREE FK		MADISON CO	198401	198412
057	0003	TEMPERATURE	CYPRUS IND-YELLOWSTONE MINE #3,THREE FK		MADISON CO	198401	198412
057	0004	TSP	MONTANA TALC,JOHNNY GULCH NO. 1, ENNIS		MADISON CO	198510	198612
057	0004	TSP	MONTANA TALC,JOHNNY GULCH NO. 1, ENNIS		MADISON CO	198510	198912

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057	0004	PM10	MONTANA TALC,JOHNNY GULCH NO. 1, ENNIS		MADISON CO	198904	199307
057	0005	TSP	MONTANA TALC UPWIND HIVOL,ENNIS		MADISON CO	198602	198909
057	0005	PM10	MONTANA TALC UPWIND HIVOL,ENNIS		MADISON CO	198904	199509
057	0006	WIND SPEED	MONTANA TALC MET TRAILER, ENNIS		MADISON CO	198509	199509
057	0006	WIND DIRECTION	MONTANA TALC MET TRAILER, ENNIS		MADISON CO	198509	199509
057	0006	STD DEV HZ WND DIR	MONTANA TALC MET TRAILER, ENNIS		MADISON CO	199311	199509
057	0007	PM10	LUZENAC UPWIND SOUTH;12 M S OF CAMERON		MADISON CO	198911	
057	0008	PM10	LUZENAC DOWNWIND NORTH;CAMERSON		MADISON CO	198911	
057	0009	WIND SPEED	YELLOWSTONE MINE-MET STATION, ENNIS		MADISON CO	198912	199509
057	0009	WIND DIRECTION	YELLOWSTONE MINE-MET STATION, ENNIS		MADISON CO	198912	199509
057	0009	STD DEV HZ WND DIR	YELLOWSTONE MINE-MET STATION, ENNIS		MADISON CO	198912	199509
057	0009	TEMPERATURE	YELLOWSTONE MINE-MET STATION, ENNIS		MADISON CO	198912	199509
061	0001	TOTAL DUSTFALL	COX RESIDENCE,SAINT REGIS, MT 59866		MINERAL CO	198601	198912
061	0001	DUSTFALL COMBUSTBLE	COX RESIDENCE,SAINT REGIS, MT 59866		MINERAL CO	198601	198912
063	0001	TSP	COURTHOUSE ROOF,CORNER OF WOODY & W PINE		MISSOULA CO	196801	198412
063	0001	TSP	COURTHOUSE ROOF,CORNER OF WOODY & W PINE		MISSOULA CO	198201	198312
063	0001	BENZENE SOL ORG (TSP)	COURTHOUSE ROOF,CORNER OF WOODY & W PINE		MISSOULA CO	197101	197712
063	0001	ALUMINUM (TSP)	COURTHOUSE ROOF,CORNER OF WOODY & W PINE		MISSOULA CO	197801	197812
063	0001	ARSENIC (TSP)	COURTHOUSE ROOF,CORNER OF WOODY & W PINE		MISSOULA CO	197801	198012
063	0001	CADMIUM (TSP)	COURTHOUSE ROOF,CORNER OF WOODY & W PINE		MISSOULA CO	197801	198012
063	0001	CHROMIUM (TSP)	COURTHOUSE ROOF,CORNER OF WOODY & W PINE		MISSOULA CO	197801	198012
063	0001	COPPER (TSP)	COURTHOUSE ROOF,CORNER OF WOODY & W PINE		MISSOULA CO	197801	198012
063	0001	IRON (TSP)	COURTHOUSE ROOF,CORNER OF WOODY & W PINE		MISSOULA CO	197801	197812
063	0001	LEAD (TSP)	COURTHOUSE ROOF,CORNER OF WOODY & W PINE		MISSOULA CO	197801	198012
063	0001	MANGANESE (TSP)	COURTHOUSE ROOF,CORNER OF WOODY & W PINE		MISSOULA CO	197801	198012
063	0001	NICKEL (TSP)	COURTHOUSE ROOF,CORNER OF WOODY & W PINE		MISSOULA CO	197801	198012
063	0001	VANADIUM (TSP)	COURTHOUSE ROOF,CORNER OF WOODY & W PINE		MISSOULA CO	197901	198012
063	0001	ZINC (TSP)	COURTHOUSE ROOF,CORNER OF WOODY & W PINE		MISSOULA CO	197801	197812
063	0001	NITRATE (TSP)	COURTHOUSE ROOF,CORNER OF WOODY & W PINE		MISSOULA CO	197801	198012
063	0001	SULFATE (TSP)	COURTHOUSE ROOF,CORNER OF WOODY & W PINE		MISSOULA CO	197101	197612
063	0001	SULFATE (TSP)	COURTHOUSE ROOF,CORNER OF WOODY & W PINE		MISSOULA CO	197701	198312
063	0001	SULFUR DIOXIDE	COURTHOUSE ROOF,CORNER OF WOODY & W PINE		MISSOULA CO	197501	197612
063	0001	NITROGEN DIOXIDE	COURTHOUSE ROOF,CORNER OF WOODY & W PINE		MISSOULA CO	197501	197612
063	0002	TSP	FT MISSOULA	MISSOULA	MISSOULA CO	197101	197312
063	0002	BENZENE SOL ORG (TSP)	FT MISSOULA	MISSOULA	MISSOULA CO	197101	197312
063	0002	SULFATE (TSP)	FT MISSOULA	MISSOULA	MISSOULA CO	197101	197312
063	0003	CARBON MONOXIDE	BROOK AND SOUTH	MISSOULA	MISSOULA CO	197701	197812
063	0005	CARBON MONOXIDE	MALFUNCTION JCT, SOUTH, BROOKS & RUSSELL	MISSOULA	MISSOULA CO	197901	
063	0005	WIND SPEED	MALFUNCTION JCT, SOUTH, BROOKS & RUSSELL	MISSOULA	MISSOULA CO	198001	199303
063	0005	WIND DIRECTION	MALFUNCTION JCT, SOUTH, BROOKS & RUSSELL	MISSOULA	MISSOULA CO	198001	199303
063	0005	STD DEV HZ WND DIR	MALFUNCTION JCT, SOUTH, BROOKS & RUSSELL	MISSOULA	MISSOULA CO	199011	199303
063	0008	TSP	RANGERS STA. SEELEY LAKE HIWAY 209		MISSOULA CO	197101	197212
063	0008	BENZENE SOL ORG (TSP)	RANGERS STA. SEELEY LAKE HIWAY 209		MISSOULA CO	197101	197212
063	0008	SULFATE (TSP)	RANGERS STA. SEELEY LAKE HIWAY 209		MISSOULA CO	197101	197212
063	0009	TSP	JOHNSON BELL FIELD,HIWAY 10 WEST		MISSOULA CO	197101	197812
063	0009	BENZENE SOL ORG (TSP)	JOHNSON BELL FIELD,HIWAY 10 WEST		MISSOULA CO	197101	197712
063	0009	SULFATE (TSP)	JOHNSON BELL FIELD,HIWAY 10 WEST		MISSOULA CO	197101	197612

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063 0009	SULFATE (TSP)	JOHNSON BELL FIELD,HIWAY 10 WEST	MISSOULA CO	197701	197812
063 0010	TSP	BONNER ONE STATE FORESTRY OFFICE	MISSOULA CO	197201	197812
063 0010	BENZENE SOL ORG (TSP)	BONNER ONE STATE FORESTRY OFFICE	MISSOULA CO	197201	197312
063 0010	SULFATE (TSP)	BONNER ONE STATE FORESTRY OFFICE	MISSOULA CO	197201	197312
063 0011	TSP	BONNER TWO	MISSOULA CO	197301	197412
063 0013	TSP	TARGET RANGE	MISSOULA CO	197301	197512
063 0014	TSP	FRENCHTOWN	MISSOULA CO	197501	197712
063 0014	BENZENE SOL ORG (TSP)	FRENCHTOWN	MISSOULA CO	197701	197712
063 0014	SULFATE (TSP)	FRENCHTOWN	MISSOULA CO	197601	197612
063 0014	SULFATE (TSP)	FRENCHTOWN	MISSOULA CO	197701	197712
063 0015	TSP	CHAMPION PACKAGING, FRENCHTOWN	MISSOULA CO	197701	198712
063 0015	TSP	CHAMPION PACKAGING, FRENCHTOWN	MISSOULA CO	198201	198712
063 0015	BENZENE SOL ORG (TSP)	CHAMPION PACKAGING, FRENCHTOWN	MISSOULA CO	197701	198712
063 0015	SULFATE (TSP)	CHAMPION PACKAGING, FRENCHTOWN	MISSOULA CO	197701	198612
063 0015	SULFUR DIOXIDE	CHAMPION PACKAGING, FRENCHTOWN	MISSOULA CO	198501	198512
063 0015	HYDROGEN SULFIDE	CHAMPION PACKAGING, FRENCHTOWN	MISSOULA CO	198501	198712
063 0015	WIND SPEED	CHAMPION PACKAGING, FRENCHTOWN	MISSOULA CO	197901	198712
063 0015	WIND DIRECTION	CHAMPION PACKAGING, FRENCHTOWN	MISSOULA CO	197901	198712
063 0016	TSP	STONE CONTAINER #2-WELL FIELD,FRENCHTOWN	MISSOULA CO	197701	199212
063 0016	BENZENE SOL ORG (TSP)	STONE CONTAINER #2-WELL FIELD,FRENCHTOWN	MISSOULA CO	197701	197712
063 0016	SULFATE (TSP)	STONE CONTAINER #2-WELL FIELD,FRENCHTOWN	MISSOULA CO	197701	198612
063 0016	SULFUR DIOXIDE	STONE CONTAINER #2-WELL FIELD,FRENCHTOWN	MISSOULA CO	198101	198512
063 0016	HYDROGEN SULFIDE	STONE CONTAINER #2-WELL FIELD,FRENCHTOWN	MISSOULA CO	198101	
063 0016	PM10	STONE CONTAINER #2-WELL FIELD,FRENCHTOWN	MISSOULA CO	199205	
063 0017	TSP	CHAMPION PACKAGING, FRENCHTOWN, MT	MISSOULA CO	197701	197912
063 0017	SULFATE (TSP)	CHAMPION PACKAGING, FRENCHTOWN, MT	MISSOULA CO	197701	197812
063 0018	TSP	COURTHOUSE LAWN	MISSOULA CO	197701	197812
063 0018	SULFATE (TSP)	COURTHOUSE LAWN	MISSOULA CO	197701	197712
063 0018	SULFATE (TSP)	COURTHOUSE LAWN	MISSOULA CO	197701	197812
063 0019	TSP	LIONS PARK	MISSOULA CO	197701	198112
063 0019	LIGHT SCATTER	LIONS PARK	MISSOULA CO	197801	198012
063 0019	ALUMINUM (TSP)	LIONS PARK	MISSOULA CO	197801	197912
063 0019	ARSENIC (TSP)	LIONS PARK	MISSOULA CO	197801	198012
063 0019	BARIUM (TSP)	LIONS PARK	MISSOULA CO	197801	197812
063 0019	CADMIUM (TSP)	LIONS PARK	MISSOULA CO	197801	198012
063 0019	CHROMIUM (TSP)	LIONS PARK	MISSOULA CO	197801	198012
063 0019	COPPER (TSP)	LIONS PARK	MISSOULA CO	197801	198012
063 0019	IRON (TSP)	LIONS PARK	MISSOULA CO	197801	197912
063 0019	LEAD (TSP)	LIONS PARK	MISSOULA CO	197801	198012
063 0019	MANGANESE (TSP)	LIONS PARK	MISSOULA CO	197801	198012
063 0019	NICKEL (TSP)	LIONS PARK	MISSOULA CO	197801	198012
063 0019	VANADIUM (TSP)	LIONS PARK	MISSOULA CO	197801	198012
063 0019	ZINC (TSP)	LIONS PARK	MISSOULA CO	197801	197912
063 0019	NITRATE (TSP)	LIONS PARK	MISSOULA CO	197801	198012
063 0019	SULFATE (TSP)	LIONS PARK	MISSOULA CO	197701	198012
063 0019	SULFATE (TSP)	LIONS PARK	MISSOULA CO	197801	197812
063 0019	CARBON MONOXIDE	LIONS PARK	MISSOULA CO	197801	198112

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063	0019	SULFUR DIOXIDE	LIONS PARK		MISSOULA CO	197701	198112
063	0019	NITRIC OXIDE	LIONS PARK		MISSOULA CO	197901	197912
063	0019	NITROGEN DIOXIDE	LIONS PARK		MISSOULA CO	197701	198412
063	0019	OXIDES OF NITROGEN	LIONS PARK		MISSOULA CO	197901	197912
063	0019	TOTAL HYDROCARBONS	LIONS PARK		MISSOULA CO	197701	198012
063	0019	OZONE	LIONS PARK		MISSOULA CO	197801	198112
063	0019	WIND SPEED	LIONS PARK		MISSOULA CO	197801	198012
063	0019	WIND DIRECTION	LIONS PARK		MISSOULA CO	197801	198012
063	0019	TEMPERATURE	LIONS PARK		MISSOULA CO	197801	197812
063	0019	BAROMETRIC PRESSURE	LIONS PARK		MISSOULA CO	197901	198012
063	0020	TSP	ROSE PARK	MISSOULA	MISSOULA CO	197801	198712
063	0020	TSP	ROSE PARK	MISSOULA	MISSOULA CO	198201	198312
063	0020	LIGHT SCATTER	ROSE PARK	MISSOULA	MISSOULA CO	198001	198212
063	0020	SULFATE (TSP)	ROSE PARK	MISSOULA	MISSOULA CO	198101	198612
063	0020	CARBON MONOXIDE	ROSE PARK	MISSOULA	MISSOULA CO	198001	198212
063	0020	SULFUR DIOXIDE	ROSE PARK	MISSOULA	MISSOULA CO	198201	198312
063	0020	WIND SPEED	ROSE PARK	MISSOULA	MISSOULA CO	198001	198312
063	0020	WIND DIRECTION	ROSE PARK	MISSOULA	MISSOULA CO	198001	198312
063	0020	TEMPERATURE	ROSE PARK	MISSOULA	MISSOULA CO	198101	198312
063	0020	SIZE FRACTINTD PARTI	ROSE PARK	MISSOULA	MISSOULA CO	198301	198412
063	0020	PM10	ROSE PARK	MISSOULA	MISSOULA CO	198401	198712
063	0020	PM10	ROSE PARK	MISSOULA	MISSOULA CO	198704	198712
063	0023	CARBON MONOXIDE	DOWNTOWN CO,HIGGINS BETWN BROADWY & MAIN		MISSOULA CO	198001	198112
063	0024	TSP	BOYD PARK, 3100 WASHBURN	MISSOULA	MISSOULA CO	198101	198712
063	0024	TSP	BOYD PARK, 3100 WASHBURN	MISSOULA	MISSOULA CO	198301	198412
063	0024	CARBON MONOXIDE	BOYD PARK, 3100 WASHBURN	MISSOULA	MISSOULA CO	198108	199103
063	0024	SIZE FRACTINTD PARTI	BOYD PARK, 3100 WASHBURN	MISSOULA	MISSOULA CO	198301	198412
063	0024	PM10	BOYD PARK, 3100 WASHBURN	MISSOULA	MISSOULA CO	198401	
063	0024	PM10	BOYD PARK, 3100 WASHBURN	MISSOULA	MISSOULA CO	198410	198712
063	0024	PM10	BOYD PARK, 3100 WASHBURN	MISSOULA	MISSOULA CO	198705	199012
063	0024	PM10	BOYD PARK, 3100 WASHBURN	MISSOULA	MISSOULA CO	199201	
063	0025	TSP	BEACON STREET		MISSOULA CO	198201	198312
063	0026	TSP	GLACIER DRIVE		MISSOULA CO	198201	198312
063	0028	TSP	CENTRAL EVARO		MISSOULA CO	198301	198312
063	0028	WIND SPEED	CENTRAL EVARO		MISSOULA CO	198301	198312
063	0028	WIND DIRECTION	CENTRAL EVARO		MISSOULA CO	198301	198312
063	0028	TEMPERATURE	CENTRAL EVARO		MISSOULA CO	198301	198312
063	0029	TSP	BRIGGS AND RESERVE, MISSOULA 59801		MISSOULA CO	198401	198412
063	0029	SIZE FRACTINTD PARTI	BRIGGS AND RESERVE, MISSOULA 59801		MISSOULA CO	198401	198612
063	0030	TSP	SPURGIN ROAD AND TOWER STREET, MISSOULA		MISSOULA CO	198401	198612
063	0031	TSP	HEALTH DEPT, 301 WEST ALDER	MISSOULA	MISSOULA CO	198501	198712
063	0031	SIZE FRACTINTD PARTI	HEALTH DEPT, 301 WEST ALDER	MISSOULA	MISSOULA CO	198501	198512
063	0031	PM10	HEALTH DEPT, 301 WEST ALDER	MISSOULA	MISSOULA CO	198609	198712
063	0031	PM10	HEALTH DEPT, 301 WEST ALDER	MISSOULA	MISSOULA CO	198704	
063	0032	TSP	RATTLESNAKE GRADE SCHOOL,120 PINEVIEW,MS		MISSOULA CO	198601	198712
063	0033	SIZE FRACTINTD PARTI	MT JUMBO SCHOOL, MINNESOTA & 6TH	MISSOULA	MISSOULA CO	198601	198612
063	0033	PM10	MT JUMBO SCHOOL, MINNESOTA & 6TH	MISSOULA	MISSOULA CO	198612	198711

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063	0033	PM10	MT JUMBO SCHOOL, MINNESOTA & 6TH	MISSOULA	MISSOULA CO	198704	198711
063	0034	TSP	STONE CONTAINER #1A, MOCCASIN LANE	MISSOULA	MISSOULA CO	198710	199012
063	0034	TSP	STONE CONTAINER #1A, MOCCASIN LANE	MISSOULA	MISSOULA CO	198710	199205
063	0034	HYDROGEN SULFIDE	STONE CONTAINER #1A, MOCCASIN LANE	MISSOULA	MISSOULA CO	198701	
063	0034	NITROGEN DIOXIDE	STONE CONTAINER #1A, MOCCASIN LANE	MISSOULA	MISSOULA CO	198701	199206
063	0034	WIND SPEED	STONE CONTAINER #1A, MOCCASIN LANE	MISSOULA	MISSOULA CO	198701	
063	0034	WIND DIRECTION	STONE CONTAINER #1A, MOCCASIN LANE	MISSOULA	MISSOULA CO	198701	
063	0034	STD DEV HZ WND DIR	STONE CONTAINER #1A, MOCCASIN LANE	MISSOULA	MISSOULA CO	199306	
063	0034	PM10	STONE CONTAINER #1A, MOCCASIN LANE	MISSOULA	MISSOULA CO	199205	
063	0701	TEMPERATURE	TV MOUNTAIN, MAPS MET SITE		MISSOULA CO	197801	197912
063	0702	WIND SPEED	OLOFSON FARM,MAPS MET SITE		MISSOULA CO	197801	198012
063	0702	WIND DIRECTION	OLOFSON FARM,MAPS MET SITE		MISSOULA CO	197801	198012
063	0703	WIND SPEED	STEIGLER FARM, MAPS MET SITE		MISSOULA CO	197801	198012
063	0703	WIND DIRECTION	STEIGLER FARM, MAPS MET SITE		MISSOULA CO	197801	198012
063	0704	WIND SPEED	UNIVERSITY OF MONTANA,MAPS MET SITE		MISSOULA CO	197801	198012
063	0704	WIND DIRECTION	UNIVERSITY OF MONTANA,MAPS MET SITE		MISSOULA CO	197801	198012
067	0001	PM10	MINERAL HILL-SOUTH #1,BOX 92,GARDINER		PARK CO	198805	
067	0001	ARSENIC (PM10)	MINERAL HILL-SOUTH #1,BOX 92,GARDINER		PARK CO	198901	
067	0001	LEAD (PM10)	MINERAL HILL-SOUTH #1,BOX 92,GARDINER		PARK CO	198901	199112
067	0002	TSP	MIN HILL-HOMESTEAD #2,OLD TAILINGS,GRDNR		PARK CO	198801	199112
067	0002	ARSENIC (TSP)	MIN HILL-HOMESTEAD #2,OLD TAILINGS,GRDNR		PARK CO	198901	199112
067	0002	LEAD (TSP)	MIN HILL-HOMESTEAD #2,OLD TAILINGS,GRDNR		PARK CO	198901	199112
067	0002	WIND SPEED	MIN HILL-HOMESTEAD #2,OLD TAILINGS,GRDNR		PARK CO	198804	199105
067	0002	WIND DIRECTION	MIN HILL-HOMESTEAD #2,OLD TAILINGS,GRDNR		PARK CO	198804	199105
067	0002	TEMPERATURE	MIN HILL-HOMESTEAD #2,OLD TAILINGS,GRDNR		PARK CO	198804	199102
067	0002	PM10	MIN HILL-HOMESTEAD #2,OLD TAILINGS,GRDNR		PARK CO	198805	
067	0002	ARSENIC (PM10)	MIN HILL-HOMESTEAD #2,OLD TAILINGS,GRDNR		PARK CO	198901	
067	0002	LEAD (PM10)	MIN HILL-HOMESTEAD #2,OLD TAILINGS,GRDNR		PARK CO	198901	199112
067	0003	PM10	MIN HILL-HOMESTEAD #3 NORTH,JARDINE		PARK CO	198805	
067	0003	ARSENIC (PM10)	MIN HILL-HOMESTEAD #3 NORTH,JARDINE		PARK CO	198901	
067	0003	LEAD (PM10)	MIN HILL-HOMESTEAD #3 NORTH,JARDINE		PARK CO	198901	199112
067	0005	WIND SPEED	NORANDA INC-NEW WORLD-FISHER CR #1		PARK CO	198909	199108
067	0005	WIND DIRECTION	NORANDA INC-NEW WORLD-FISHER CR #1		PARK CO	198909	199108
067	0005	STD DEV HZ WND DIR	NORANDA INC-NEW WORLD-FISHER CR #1		PARK CO	198909	199108
067	0005	TEMPERATURE	NORANDA INC-NEW WORLD-FISHER CR #1		PARK CO	198906	199108
067	0005	PM10	NORANDA INC-NEW WORLD-FISHER CR #1		PARK CO	198909	199107
067	0005	ARSENIC (PM10)	NORANDA INC-NEW WORLD-FISHER CR #1		PARK CO	198909	199107
067	0005	CADMIUM (PM10)	NORANDA INC-NEW WORLD-FISHER CR #1		PARK CO	198909	199107
067	0005	CHROMIUM (PM10)	NORANDA INC-NEW WORLD-FISHER CR #1		PARK CO	198909	199107
067	0005	LEAD (PM10)	NORANDA INC-NEW WORLD-FISHER CR #1		PARK CO	198909	199107
067	0005	ZINC (PM10)	NORANDA INC-NEW WORLD-FISHER CR #1		PARK CO	198909	199107
067	0006	WIND SPEED	NORANDA INC-NEW WORLD-MCLAREN MINE #2		PARK CO	198909	199108
067	0006	WIND DIRECTION	NORANDA INC-NEW WORLD-MCLAREN MINE #2		PARK CO	198909	199108
067	0006	STD DEV HZ WND DIR	NORANDA INC-NEW WORLD-MCLAREN MINE #2		PARK CO	198909	199108
067	0006	PM10	NORANDA INC-NEW WORLD-MCLAREN MINE #2		PARK CO	198909	199010
067	0006	ARSENIC (PM10)	NORANDA INC-NEW WORLD-MCLAREN MINE #2		PARK CO	198909	199010
067	0006	CADMIUM (PM10)	NORANDA INC-NEW WORLD-MCLAREN MINE #2		PARK CO	198909	199010

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067 0006	CHROMIUM (PM10)	NORANDA INC-NEW WORLD-MCLAREN MINE #2		PARK CO	198909	199010
067 0006	LEAD (PM10)	NORANDA INC-NEW WORLD-MCLAREN MINE #2		PARK CO	198909	199010
067 0006	ZINC (PM10)	NORANDA INC-NEW WORLD-MCLAREN MINE #2		PARK CO	198909	199010
067 0007	PM10	NEW WORLD SITE #3, COOKE CITY		PARK CO	199006	199112
067 0007	ARSENIC (PM10)	NEW WORLD SITE #3, COOKE CITY		PARK CO	199006	199112
067 0007	CADMIUM (PM10)	NEW WORLD SITE #3, COOKE CITY		PARK CO	199006	199112
067 0007	CHROMIUM (PM10)	NEW WORLD SITE #3, COOKE CITY		PARK CO	199006	199112
067 0007	LEAD (PM10)	NEW WORLD SITE #3, COOKE CITY		PARK CO	199006	199112
067 0007	ZINC (PM10)	NEW WORLD SITE #3, COOKE CITY		PARK CO	199006	199112
067 0008	PM10	BRAND S LUMBER-SITE 6-CITY PK,LIVINGSTON	LIVINGSTON	PARK CO	199005	199112
067 0009	PM10	MINERAL HILL-CREEK #4, JARDINE		PARK CO	199011	199309
067 0009	ARSENIC (PM10)	MINERAL HILL-CREEK #4, JARDINE		PARK CO	199011	199309
067 0009	LEAD (PM10)	MINERAL HILL-CREEK #4, JARDINE		PARK CO	199011	199112
067 0010	PM10	MINERAL HILL-OFFICE #5, JARDINE		PARK CO	199011	199309
067 0010	ARSENIC (PM10)	MINERAL HILL-OFFICE #5, JARDINE		PARK CO	199011	199309
067 0010	LEAD (PM10)	MINERAL HILL-OFFICE #5, JARDINE		PARK CO	199011	199112
067 0011	WIND SPEED	MINERAL HILL-MET STATION, JARDINE		PARK CO	199105	
067 0011	WIND DIRECTION	MINERAL HILL-MET STATION, JARDINE		PARK CO	199105	
067 0011	STD DEV HZ WND DIR	MINERAL HILL-MET STATION, JARDINE		PARK CO	199105	
067 0011	TEMPERATURE	MINERAL HILL-MET STATION, JARDINE		PARK CO	199108	
067 0013	TOTAL DUSTFALL	BRAND S CORP, SURROUNDING #2 DUSTFALL	LIVINGSTON	PARK CO	199006	199512
067 0013	DUSTFALL COMBUSTBLE	BRAND S CORP, SURROUNDING #2 DUSTFALL	LIVINGSTON	PARK CO	199006	199512
067 0014	TOTAL DUSTFALL	BRAND S CORP, SILO BURNER #3	LIVINGSTON	PARK CO	199006	199512
067 0014	DUSTFALL COMBUSTBLE	BRAND S CORP, SILO BURNER #3	LIVINGSTON	PARK CO	199006	199512
067 0015	TOTAL DUSTFALL	BRAND S CORP, SILO BURNER #4	LIVINGSTON	PARK CO	199006	199512
067 0015	DUSTFALL COMBUSTBLE	BRAND S CORP, SILO BURNER #4	LIVINGSTON	PARK CO	199006	199512
067 0016	TOTAL DUSTFALL	BRAND S CORP, SILO BURNER #5	LIVINGSTON	PARK CO	199006	199512
067 0016	DUSTFALL COMBUSTBLE	BRAND S CORP, SILO BURNER #5	LIVINGSTON	PARK CO	199006	199512
067 0017	TOTAL DUSTFALL	BRAND S CORP, SILO BURNER #6	LIVINGSTON	PARK CO	199006	199512
067 0017	DUSTFALL COMBUSTBLE	BRAND S CORP, SILO BURNER #6	LIVINGSTON	PARK CO	199006	199512
067 0018	TOTAL DUSTFALL	BRAND S CORP, SILO BURNER #7	LIVINGSTON	PARK CO	199006	199512
067 0018	DUSTFALL COMBUSTBLE	BRAND S CORP, SILO BURNER #7	LIVINGSTON	PARK CO	199006	199512
071 0001	TSP	MULTU BLM		PHILLIPS CO	198101	198512
071 0002	PM10	PEGASUS, ZORTMAN MINING, LANDUSKY #2		PHILLIPS CO	199004	
071 0002	ARSENIC (PM10)	PEGASUS, ZORTMAN MINING, LANDUSKY #2		PHILLIPS CO	199004	199303
071 0002	CADMIUM (PM10)	PEGASUS, ZORTMAN MINING, LANDUSKY #2		PHILLIPS CO	199004	199112
071 0002	CHROMIUM (PM10)	PEGASUS, ZORTMAN MINING, LANDUSKY #2		PHILLIPS CO	199004	199303
071 0002	LEAD (PM10)	PEGASUS, ZORTMAN MINING, LANDUSKY #2		PHILLIPS CO	199004	199303
071 0002	ZINC (PM10)	PEGASUS, ZORTMAN MINING, LANDUSKY #2		PHILLIPS CO	199004	199112
071 0003	WIND SPEED	PEGASUS, ZORTMAN MINING,SULLIVAN PARK 3		PHILLIPS CO	199004	199203
071 0003	WIND DIRECTION	PEGASUS, ZORTMAN MINING,SULLIVAN PARK 3		PHILLIPS CO	199004	199203
071 0003	STD DEV HZ WND DIR	PEGASUS, ZORTMAN MINING,SULLIVAN PARK 3		PHILLIPS CO	199004	199203
071 0003	TEMPERATURE	PEGASUS, ZORTMAN MINING,SULLIVAN PARK 3		PHILLIPS CO	199004	199203
071 0003	PM10	PEGASUS, ZORTMAN MINING,SULLIVAN PARK 3		PHILLIPS CO	199005	199303
071 0003	ARSENIC (PM10)	PEGASUS, ZORTMAN MINING,SULLIVAN PARK 3		PHILLIPS CO	199005	199112
071 0003	CADMIUM (PM10)	PEGASUS, ZORTMAN MINING,SULLIVAN PARK 3		PHILLIPS CO	199005	199112
071 0003	CHROMIUM (PM10)	PEGASUS, ZORTMAN MINING,SULLIVAN PARK 3		PHILLIPS CO	199005	199303

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071 0003	LEAD (PM10)	PEGASUS, ZORTMAN MINING,SULLIVAN PARK 3	PHILLIPS CO	199005	199303
071 0003	ZINC (PM10)	PEGASUS, ZORTMAN MINING,SULLIVAN PARK 3	PHILLIPS CO	199005	199112
071 0004	WIND SPEED	PEGASUS, ZORTMAN MINING,BONEYARD #4	PHILLIPS CO	199003	199203
071 0004	WIND DIRECTION	PEGASUS, ZORTMAN MINING,BONEYARD #4	PHILLIPS CO	199003	199203
071 0004	STD DEV HZ WND DIR	PEGASUS, ZORTMAN MINING,BONEYARD #4	PHILLIPS CO	199003	199203
071 0004	TEMPERATURE	PEGASUS, ZORTMAN MINING,BONEYARD #4	PHILLIPS CO	199003	199203
071 0005	PM10	ZORTMAN MINE #5, DOWNEY RESIDENCE	PHILLIPS CO	199005	
071 0005	ARSENIC (PM10)	ZORTMAN MINE #5, DOWNEY RESIDENCE	PHILLIPS CO	199005	
071 0005	CADMIUM (PM10)	ZORTMAN MINE #5, DOWNEY RESIDENCE	PHILLIPS CO	199005	
071 0005	CHROMIUM (PM10)	ZORTMAN MINE #5, DOWNEY RESIDENCE	PHILLIPS CO	199005	199303
071 0005	LEAD (PM10)	ZORTMAN MINE #5, DOWNEY RESIDENCE	PHILLIPS CO	199005	199303
071 0005	ZINC (PM10)	ZORTMAN MINE #5, DOWNEY RESIDENCE	PHILLIPS CO	199005	
071 0006	PM10	ZORTMAN MINING - SCHOOLHOUSE #6	PHILLIPS CO	199006	199312
071 0006	ARSENIC (PM10)	ZORTMAN MINING - SCHOOLHOUSE #6	PHILLIPS CO	199006	199312
071 0006	CADMIUM (PM10)	ZORTMAN MINING - SCHOOLHOUSE #6	PHILLIPS CO	199006	199312
071 0006	CHROMIUM (PM10)	ZORTMAN MINING - SCHOOLHOUSE #6	PHILLIPS CO	199006	199303
071 0006	LEAD (PM10)	ZORTMAN MINING - SCHOOLHOUSE #6	PHILLIPS CO	199006	199303
071 0006	ZINC (PM10)	ZORTMAN MINING - SCHOOLHOUSE #6	PHILLIPS CO	199006	199312
071 0007	PM10	ZORTMAN MINING-FRANCIS KOLCZAK #1	PHILLIPS CO	199004	
071 0007	ARSENIC (PM10)	ZORTMAN MINING-FRANCIS KOLCZAK #1	PHILLIPS CO	199004	199303
071 0007	CADMIUM (PM10)	ZORTMAN MINING-FRANCIS KOLCZAK #1	PHILLIPS CO	199004	
071 0007	CHROMIUM (PM10)	ZORTMAN MINING-FRANCIS KOLCZAK #1	PHILLIPS CO	199004	199303
071 0007	LEAD (PM10)	ZORTMAN MINING-FRANCIS KOLCZAK #1	PHILLIPS CO	199004	199303
071 0007	ZINC (PM10)	ZORTMAN MINING-FRANCIS KOLCZAK #1	PHILLIPS CO	199004	
071 0008	WIND SPEED	ZORTMAN-SQUARE BUTTE #7, ZORTMAN	PHILLIPS CO	199009	199412
071 0008	WIND DIRECTION	ZORTMAN-SQUARE BUTTE #7, ZORTMAN	PHILLIPS CO	199009	199412
071 0008	STD DEV HZ WND DIR	ZORTMAN-SQUARE BUTTE #7, ZORTMAN	PHILLIPS CO	199009	199412
071 0008	PM10	ZORTMAN-SQUARE BUTTE #7, ZORTMAN	PHILLIPS CO	199009	199412
071 0008	ARSENIC (PM10)	ZORTMAN-SQUARE BUTTE #7, ZORTMAN	PHILLIPS CO	199010	199312
071 0008	CADMIUM (PM10)	ZORTMAN-SQUARE BUTTE #7, ZORTMAN	PHILLIPS CO	199010	199312
071 0008	CHROMIUM (PM10)	ZORTMAN-SQUARE BUTTE #7, ZORTMAN	PHILLIPS CO	199010	199303
071 0008	LEAD (PM10)	ZORTMAN-SQUARE BUTTE #7, ZORTMAN	PHILLIPS CO	199010	199303
071 0008	ZINC (PM10)	ZORTMAN-SQUARE BUTTE #7, ZORTMAN	PHILLIPS CO	199010	199112
071 0009	PM10	ZORTMAN-UPPER ALDER GULCH	PHILLIPS CO	199304	
075 0006	TSP	LAFLAMME,718 S LINCOLN	POWDER RIVER CO	197201	197312
075 0006	BENZENE SOL ORG (TSP)	LAFLAMME,718 S LINCOLN	POWDER RIVER CO	197201	197312
075 0006	CADMIUM (TSP)	LAFLAMME,718 S LINCOLN	POWDER RIVER CO	197201	197312
075 0006	LEAD (TSP)	LAFLAMME,718 S LINCOLN	POWDER RIVER CO	197201	197312
075 0006	ZINC (TSP)	LAFLAMME,718 S LINCOLN	POWDER RIVER CO	197201	197312
075 0008	TSP	NEAR FORT HOWES RANGER STATION	POWDER RIVER CO	197401	197812
075 0008	ARSENIC (TSP)	NEAR FORT HOWES RANGER STATION	POWDER RIVER CO	197701	197812
075 0008	BERYLLIUM (TSP)	NEAR FORT HOWES RANGER STATION	POWDER RIVER CO	197501	197612
075 0008	BERYLLIUM (TSP)	NEAR FORT HOWES RANGER STATION	POWDER RIVER CO	197701	197812
075 0008	BARIUM (TSP)	NEAR FORT HOWES RANGER STATION	POWDER RIVER CO	197701	197812
075 0008	CADMIUM (TSP)	NEAR FORT HOWES RANGER STATION	POWDER RIVER CO	197501	197612
075 0008	CADMIUM (TSP)	NEAR FORT HOWES RANGER STATION	POWDER RIVER CO	197701	197812
075 0008	CHROMIUM (TSP)	NEAR FORT HOWES RANGER STATION	POWDER RIVER CO	197501	197612

SITE NUMBER	PARAMETER	SITE ADDRESS		COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
075 0008	CHROMIUM (TSP)	NEAR FORT HOWES RANGER STATION		POWDER RIVER CO	197701	197812
075 0008	COBALT (TSP)	NEAR FORT HOWES RANGER STATION		POWDER RIVER CO	197501	197612
075 0008	COBALT (TSP)	NEAR FORT HOWES RANGER STATION		POWDER RIVER CO	197701	197812
075 0008	COPPER (TSP)	NEAR FORT HOWES RANGER STATION		POWDER RIVER CO	197501	197612
075 0008	COPPER (TSP)	NEAR FORT HOWES RANGER STATION		POWDER RIVER CO	197701	197812
075 0008	IRON (TSP)	NEAR FORT HOWES RANGER STATION		POWDER RIVER CO	197501	197612
075 0008	IRON (TSP)	NEAR FORT HOWES RANGER STATION		POWDER RIVER CO	197701	197812
075 0008	LEAD (TSP)	NEAR FORT HOWES RANGER STATION		POWDER RIVER CO	197501	197512
075 0008	LEAD (TSP)	NEAR FORT HOWES RANGER STATION		POWDER RIVER CO	197701	197812
075 0008	MANGANESE (TSP)	NEAR FORT HOWES RANGER STATION		POWDER RIVER CO	197501	197612
075 0008	MANGANESE (TSP)	NEAR FORT HOWES RANGER STATION		POWDER RIVER CO	197701	197812
075 0008	MOLYBDENUM (TSP)	NEAR FORT HOWES RANGER STATION		POWDER RIVER CO	197701	197812
075 0008	NICKEL (TSP)	NEAR FORT HOWES RANGER STATION		POWDER RIVER CO	197501	197612
075 0008	NICKEL (TSP)	NEAR FORT HOWES RANGER STATION		POWDER RIVER CO	197701	197812
075 0008	TITANIUM (TSP)	NEAR FORT HOWES RANGER STATION		POWDER RIVER CO	197501	197612
075 0008	VANADIUM (TSP)	NEAR FORT HOWES RANGER STATION		POWDER RIVER CO	197501	197612
075 0008	VANADIUM (TSP)	NEAR FORT HOWES RANGER STATION		POWDER RIVER CO	197701	197812
075 0008	ZINC (TSP)	NEAR FORT HOWES RANGER STATION		POWDER RIVER CO	197701	197812
075 0008	AMMONIUM (TSP)	NEAR FORT HOWES RANGER STATION		POWDER RIVER CO	197501	197712
075 0008	NITRATE (TSP)	NEAR FORT HOWES RANGER STATION		POWDER RIVER CO	197501	197812
075 0008	SULFATE (TSP)	NEAR FORT HOWES RANGER STATION		POWDER RIVER CO	197501	197812
075 0009	TSP	RANDALL RANCH, 4 MI SW BROADUS		POWDER RIVER CO	197401	197812
075 0009	WIND SPEED	RANDALL RANCH, 4 MI SW BROADUS		POWDER RIVER CO	197601	197612
075 0009	WIND DIRECTION	RANDALL RANCH, 4 MI SW BROADUS		POWDER RIVER CO	197601	197612
077 0001	TSP	POWELL CO COURTHOUSE,COTTONWOOD&MO AVE	DEER LODGE	POWELL CO	197101	198612
077 0001	BENZENE SOL ORG (TSP)	POWELL CO COURTHOUSE,COTTONWOOD&MO AVE	DEER LODGE	POWELL CO	197101	198612
077 0001	ARSENIC (TSP)	POWELL CO COURTHOUSE,COTTONWOOD&MO AVE	DEER LODGE	POWELL CO	197101	198612
077 0001	CADMIUM (TSP)	POWELL CO COURTHOUSE,COTTONWOOD&MO AVE	DEER LODGE	POWELL CO	197101	198612
077 0001	LEAD (TSP)	POWELL CO COURTHOUSE,COTTONWOOD&MO AVE	DEER LODGE	POWELL CO	197101	198612
077 0001	ZINC (TSP)	POWELL CO COURTHOUSE,COTTONWOOD&MO AVE	DEER LODGE	POWELL CO	197101	198612
077 0001	SULFATE (TSP)	POWELL CO COURTHOUSE,COTTONWOOD&MO AVE	DEER LODGE	POWELL CO	197101	198612
077 0002	TSP	DEER LODGE CITY HALL	DEER LODGE	POWELL CO	197101	197112
077 0002	BENZENE SOL ORG (TSP)	DEER LODGE CITY HALL	DEER LODGE	POWELL CO	197101	197112
077 0002	ARSENIC (TSP)	DEER LODGE CITY HALL	DEER LODGE	POWELL CO	197101	197112
077 0002	CADMIUM (TSP)	DEER LODGE CITY HALL	DEER LODGE	POWELL CO	197101	197112
077 0002	LEAD (TSP)	DEER LODGE CITY HALL	DEER LODGE	POWELL CO	197101	197112
077 0002	ZINC (TSP)	DEER LODGE CITY HALL	DEER LODGE	POWELL CO	197101	197112
077 0002	FLUORIDE (TSP)	DEER LODGE CITY HALL	DEER LODGE	POWELL CO	197101	197112
077 0002	SULFATE (TSP)	DEER LODGE CITY HALL	DEER LODGE	POWELL CO	197101	197112
077 0005	TSP	LAHMAN RESIDENCE SOUTH OF GARRISON		POWELL CO	197101	197512
077 0018	TSP	GERDTS RESIDENCE		POWELL CO	197501	197512
077 0024	TSP	TERRY SMITH RANCH, OVANDO		POWELL CO	198001	198712
077 0024	ARSENIC (TSP)	TERRY SMITH RANCH, OVANDO		POWELL CO	198601	198710
077 0024	BERYLLIUM (TSP)	TERRY SMITH RANCH, OVANDO		POWELL CO	198601	198710
077 0024	BARIUM (TSP)	TERRY SMITH RANCH, OVANDO		POWELL CO	198601	198710
077 0024	CADMIUM (TSP)	TERRY SMITH RANCH, OVANDO		POWELL CO	198601	198710
077 0024	CHROMIUM (TSP)	TERRY SMITH RANCH, OVANDO		POWELL CO	198601	198710

SITE NUMBER		PARAMETER	SITE ADDRESS		COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
077	0024	COBALT (TSP)	TERRY SMITH RANCH, OVANDO		POWELL CO	198601	198710
077	0024	COPPER (TSP)	TERRY SMITH RANCH, OVANDO		POWELL CO	198601	198710
077	0024	IRON (TSP)	TERRY SMITH RANCH, OVANDO		POWELL CO	198601	198710
077	0024	LEAD (TSP)	TERRY SMITH RANCH, OVANDO		POWELL CO	198601	198710
077	0024	MANGANESE (TSP)	TERRY SMITH RANCH, OVANDO		POWELL CO	198601	198710
077	0024	MOLYBDENUM (TSP)	TERRY SMITH RANCH, OVANDO		POWELL CO	198601	198710
077	0024	NICKEL (TSP)	TERRY SMITH RANCH, OVANDO		POWELL CO	198601	198710
077	0024	VANADIUM (TSP)	TERRY SMITH RANCH, OVANDO		POWELL CO	198601	198710
077	0024	ZINC (TSP)	TERRY SMITH RANCH, OVANDO		POWELL CO	198601	198710
077	0024	SULFATE (TSP)	TERRY SMITH RANCH, OVANDO		POWELL CO	198201	198212
077	0024	SULFATION RATE	TERRY SMITH RANCH, OVANDO		POWELL CO	198001	198112
077	0024	PM10	TERRY SMITH RANCH, OVANDO		POWELL CO	198501	198712
077	0024	PM10	TERRY SMITH RANCH, OVANDO		POWELL CO	198704	198712
081	0001	TSP	RAVALLI COUNTY COURTHOUSE, 205 BEDFORD	HAMILTON	RAVALLI CO	198301	198712
081	0001	PM10	RAVALLI COUNTY COURTHOUSE, 205 BEDFORD	HAMILTON	RAVALLI CO	198606	198704
081	0001	PM10	RAVALLI COUNTY COURTHOUSE, 205 BEDFORD	HAMILTON	RAVALLI CO	198704	
081	0002	PM10	MT GOLD REALTY BUILDING,111 S HWY 93	HAMILTON	RAVALLI CO	199407	
081	0003	PM10	STEVENSVILLE RANGER STATION,88 MAIN ST		RAVALLI CO	199407	
081	0004	PM10	WFORK RANGER STATION;6735 WFORK RD;DARBY		RAVALLI CO	199407	
083	0005	TSP	SIDNEY BUXBAUM		RICHLAND CO	197301	197312
083	0010	TSP	SIDNEY DOWNTOWN,115 2ND ST SE,SIDNEY		RICHLAND CO	198301	198712
083	0010	NITRATE (TSP)	SIDNEY DOWNTOWN,115 2ND ST SE,SIDNEY		RICHLAND CO	198401	198412
083	0010	SULFATE (TSP)	SIDNEY DOWNTOWN,115 2ND ST SE,SIDNEY		RICHLAND CO	198301	198512
083	0011	SULFATION RATE	#1 PETERSON-MORLOCK,2.7 MI NW SIDNEY		RICHLAND CO	198201	198612
083	0011	SULFATION RATE	#1 PETERSON-MORLOCK,2.7 MI NW SIDNEY		RICHLAND CO	198501	198512
083	0012	SULFATION RATE	#2 PUBLIC WELFARE OFFICE,5TH ST &3RD AVE		RICHLAND CO	198201	198612
083	0012	SULFATION RATE	#2 PUBLIC WELFARE OFFICE,5TH ST &3RD AVE		RICHLAND CO	198501	198512
083	0013	SULFATION RATE	#3 SHELL OIL,6.1 MI E JCT HWY 16 & 23		RICHLAND CO	198201	198612
083	0014	SULFATION RATE	#4 YELLOWSTONE RIVER BRIDGE		RICHLAND CO	198201	198412
083	0015	SULFATION RATE	#5 FAIRVIEW NORTH,8.7 MI W FAIRVIEW		RICHLAND CO	198201	198412
083	0016	SULFATION RATE	#6 S SIDNEY PUMPER,.3 M W JCT HWY 16&200		RICHLAND CO	198201	198412
083	0017	SULFATION RATE	#7 S SIDNEY FLARE,.9 M W JCT HWY 16&200		RICHLAND CO	198201	198412
083	0018	SULFATION RATE	#8 N SIDNEY,2.1 M N SIDNEY ON LINCOLN ST		RICHLAND CO	198201	198412
083	0019	SULFATION RATE	#9 RICHLAND PARK ROAD,3.5 M NE SIDNEY		RICHLAND CO	198201	198412
083	0020	SULFATION RATE	COOKE RESIDENCE SOUTH OF SIDNEY MT		RICHLAND CO	198401	198412
083	0028	SULFATION RATE	LUDINGTON SIDNEY MT		RICHLAND CO	198501	198612
083	0029	SULFATION RATE	RIVER ROAD #1 SIDNEY MT		RICHLAND CO	198501	198612
083	0030	SULFATION RATE	RIVER ROAD #2 SIDNEY MT		RICHLAND CO	198501	198612
083	0031	SULFATION RATE	GOSSETT SIDNEY MT		RICHLAND CO	198501	198612
085	0001	TSP	WITTE WELL		ROOSEVELT CO	197401	197612
085	0001	NITRATE (TSP)	WITTE WELL		ROOSEVELT CO	197601	197612
085	0001	SULFATE (TSP)	WITTE WELL		ROOSEVELT CO	197601	197612
085	0001	WIND SPEED	WITTE WELL		ROOSEVELT CO	197601	197612
085	0001	WIND DIRECTION	WITTE WELL		ROOSEVELT CO	197601	197612
085	0002	TSP	WOLF POINT INT'L AIRPORT (WOLF POINT)		ROOSEVELT CO	198201	198412
085	0002	NITRATE (TSP)	WOLF POINT INT'L AIRPORT (WOLF POINT)		ROOSEVELT CO	198201	198412
085	0002	SULFATE (TSP)	WOLF POINT INT'L AIRPORT (WOLF POINT)		ROOSEVELT CO	198201	198412

SITE NUMBER		PARAMETER	SITE ADDRESS		COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
085	0002	SULFUR DIOXIDE	WOLF POINT INT'L AIRPORT (WOLF POINT)		ROOSEVELT CO	198301	198412
085	0002	NITRIC OXIDE	WOLF POINT INT'L AIRPORT (WOLF POINT)		ROOSEVELT CO	197501	197512
085	0002	NITROGEN DIOXIDE	WOLF POINT INT'L AIRPORT (WOLF POINT)		ROOSEVELT CO	197501	197512
085	0002	OZONE	WOLF POINT INT'L AIRPORT (WOLF POINT)		ROOSEVELT CO	197501	197512
085	0002	WIND SPEED	WOLF POINT INT'L AIRPORT (WOLF POINT)		ROOSEVELT CO	198301	198612
085	0002	WIND DIRECTION	WOLF POINT INT'L AIRPORT (WOLF POINT)		ROOSEVELT CO	198301	198612
085	0002	TEMPERATURE	WOLF POINT INT'L AIRPORT (WOLF POINT)		ROOSEVELT CO	198301	198612
085	0004	SULFATION RATE	BOX 506 POPLAR MT 59255		ROOSEVELT CO	198301	199012
085	0005	SULFATION RATE	BOX 506 POPLAR MT 59255		ROOSEVELT CO	198301	198412
085	0006	SULFATION RATE	BOX 506 POPLAR MT 59255		ROOSEVELT CO	198301	198512
085	0007	SULFATION RATE	KENCO OIL REFINERY 7 MI EAST OF WOLF PT		ROOSEVELT CO	198401	198512
085	0008	LIGHT SCATTER	POPULAR RIVER VALLEY ;FT.PECKRESERVATION		ROOSEVELT CO	198701	198912
085	0008	SULFUR DIOXIDE	POPULAR RIVER VALLEY ;FT.PECKRESERVATION		ROOSEVELT CO	198501	198912
085	0008	SULFATION RATE	POPULAR RIVER VALLEY ;FT.PECKRESERVATION		ROOSEVELT CO	198909	199012
085	0008	WIND SPEED	POPULAR RIVER VALLEY ;FT.PECKRESERVATION		ROOSEVELT CO	198501	198912
085	0008	WIND DIRECTION	POPULAR RIVER VALLEY ;FT.PECKRESERVATION		ROOSEVELT CO	198501	198912
085	0008	TEMPERATURE	POPULAR RIVER VALLEY ;FT.PECKRESERVATION		ROOSEVELT CO	198501	198912
085	0009	TSP	114 3RD AVE SOUTH WOLF POINT MONTANA		ROOSEVELT CO	198401	198712
085	0009	NITRATE (TSP)	114 3RD AVE SOUTH WOLF POINT MONTANA		ROOSEVELT CO	198401	198512
085	0009	SULFATE (TSP)	114 3RD AVE SOUTH WOLF POINT MONTANA		ROOSEVELT CO	198401	198512
085	0010	SULFATION RATE	LONG CREEK OIL FIELD		ROOSEVELT CO	198401	199012
085	0011	SULFATION RATE	FORT PECK TRIBAL SITE		ROOSEVELT CO	198701	199012
085	0012	TSP	TRIBAL BLDG, POPLAR		ROOSEVELT CO	198708	199012
085	0012	TSP	TRIBAL BLDG, POPLAR		ROOSEVELT CO	198708	199309
085	0013	TSP	FORT PECK TRIBAL SITE		ROOSEVELT CO	198701	199209
085	0013	PM10	FORT PECK TRIBAL SITE		ROOSEVELT CO	199210	
085	0014	WIND SPEED	LAW AND ORDER SITE		ROOSEVELT CO	199201	
085	0014	WIND DIRECTION	LAW AND ORDER SITE		ROOSEVELT CO	199201	
085	0014	STD DEV HZ WND DIR	LAW AND ORDER SITE		ROOSEVELT CO	199201	
085	0014	TEMPERATURE	LAW AND ORDER SITE		ROOSEVELT CO	199201	
085	0015	PM10	FOURTH AVENUE, WOLF POINT, MONTANA	WOLF POINT	ROOSEVELT CO	199506	
087	0003	TSP	FISHER BUTTE NEAR LAME DEER		ROSEBUD CO	197401	198012
087	0003	SULFUR DIOXIDE	FISHER BUTTE NEAR LAME DEER		ROSEBUD CO	197501	197512
087	0003	SULFUR DIOXIDE	FISHER BUTTE NEAR LAME DEER		ROSEBUD CO	197601	197712
087	0003	NITROGEN DIOXIDE	FISHER BUTTE NEAR LAME DEER		ROSEBUD CO	197501	197512
087	0003	NITROGEN DIOXIDE	FISHER BUTTE NEAR LAME DEER		ROSEBUD CO	197601	197812
087	0003	WIND SPEED	FISHER BUTTE NEAR LAME DEER		ROSEBUD CO	197601	197612
087	0003	WIND DIRECTION	FISHER BUTTE NEAR LAME DEER		ROSEBUD CO	197601	197612
087	0009	TSP	KLUVER RANCH RURAL RT 1 (FORSYTH)		ROSEBUD CO	197201	197312
087	0009	BENZENE SOL ORG (TSP)	KLUVER RANCH RURAL RT 1 (FORSYTH)		ROSEBUD CO	197201	197312
087	0009	ARSENIC (TSP)	KLUVER RANCH RURAL RT 1 (FORSYTH)		ROSEBUD CO	197201	197312
087	0009	CADMIUM (TSP)	KLUVER RANCH RURAL RT 1 (FORSYTH)		ROSEBUD CO	197201	197312
087	0009	LEAD (TSP)	KLUVER RANCH RURAL RT 1 (FORSYTH)		ROSEBUD CO	197201	197312
087	0009	ZINC (TSP)	KLUVER RANCH RURAL RT 1 (FORSYTH)		ROSEBUD CO	197201	197312
087	0021	TSP	IRA GRESONS,137 RIVER ST, FORSYTH		ROSEBUD CO	197201	197212
087	0021	BENZENE SOL ORG (TSP)	IRA GRESONS,137 RIVER ST, FORSYTH		ROSEBUD CO	197201	197212
087	0021	CADMIUM (TSP)	IRA GRESONS,137 RIVER ST, FORSYTH		ROSEBUD CO	197201	197212

SITE NUMBER		PARAMETER	SITE ADDRESS	COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
087	0021	LEAD (TSP)	IRA GRESONS,137 RIVER ST, FORSYTH	ROSEBUD CO	197201	197212
087	0021	ZINC (TSP)	IRA GRESONS,137 RIVER ST, FORSYTH	ROSEBUD CO	197201	197212
087	0024	TSP	BAILEY RANCH	ROSEBUD CO	197201	197312
087	0024	CADMIUM (TSP)	BAILEY RANCH	ROSEBUD CO	197201	197312
087	0024	LEAD (TSP)	BAILEY RANCH	ROSEBUD CO	197201	197312
087	0024	ZINC (TSP)	BAILEY RANCH	ROSEBUD CO	197201	197312
087	0025	TSP	FERRIS RANCH	ROSEBUD CO	197301	197312
087	0026	TSP	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197001	197812
087	0026	TSP	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197301	197312
087	0026	ARSENIC (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197701	197812
087	0026	BERYLLIUM (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197501	197612
087	0026	BERYLLIUM (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197701	197812
087	0026	BARIUM (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197701	197812
087	0026	CADMIUM (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197501	197612
087	0026	CADMIUM (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197701	197812
087	0026	CHROMIUM (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197501	197612
087	0026	CHROMIUM (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197701	197812
087	0026	COBALT (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197501	197612
087	0026	COBALT (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197701	197812
087	0026	COPPER (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197501	197612
087	0026	COPPER (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197701	197812
087	0026	IRON (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197501	197612
087	0026	IRON (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197701	197812
087	0026	LEAD (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197501	197512
087	0026	LEAD (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197701	197812
087	0026	MANGANESE (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197501	197612
087	0026	MANGANESE (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197701	197812
087	0026	MOLYBDENUM (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197701	197812
087	0026	NICKEL (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197501	197612
087	0026	NICKEL (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197701	197812
087	0026	TITANIUM (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197501	197612
087	0026	VANADIUM (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197501	197612
087	0026	VANADIUM (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197701	197812
087	0026	ZINC (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197701	197812
087	0026	AMMONIUM (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197401	197712
087	0026	NITRATE (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197401	197812
087	0026	SULFATE (TSP)	ASHLAND RANGER DISTRICT (ASHLAND)	ROSEBUD CO	197401	197812
087	0027	TSP	BN SITE, COLSTRIP MT	ROSEBUD CO	197301	198012
087	0027	LIGHT SCATTER	BN SITE, COLSTRIP MT	ROSEBUD CO	197601	197612
087	0027	ALUMINUM (TSP)	BN SITE, COLSTRIP MT	ROSEBUD CO	197810	197812
087	0027	ARSENIC (TSP)	BN SITE, COLSTRIP MT	ROSEBUD CO	197301	197812
087	0027	CADMIUM (TSP)	BN SITE, COLSTRIP MT	ROSEBUD CO	197810	197812
087	0027	CHROMIUM (TSP)	BN SITE, COLSTRIP MT	ROSEBUD CO	197801	197812
087	0027	COPPER (TSP)	BN SITE, COLSTRIP MT	ROSEBUD CO	197810	197812
087	0027	IRON (TSP)	BN SITE, COLSTRIP MT	ROSEBUD CO	197810	197812
087	0027	LEAD (TSP)	BN SITE, COLSTRIP MT	ROSEBUD CO	197801	197812
087	0027	MANGANESE (TSP)	BN SITE, COLSTRIP MT	ROSEBUD CO	197810	197812

SITE NUMBER	PARAMETER	SITE ADDRESS	COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
087 0027	NICKEL (TSP)	BN SITE, COLSTRIP MT	ROSEBUD CO	197810	197812
087 0027	ZINC (TSP)	BN SITE, COLSTRIP MT	ROSEBUD CO	197810	197812
087 0027	NITRATE (TSP)	BN SITE, COLSTRIP MT	ROSEBUD CO	197601	197812
087 0027	NITRATE (TSP)	BN SITE, COLSTRIP MT	ROSEBUD CO	197701	197712
087 0027	SULFATE (TSP)	BN SITE, COLSTRIP MT	ROSEBUD CO	197601	197812
087 0027	SULFUR DIOXIDE	BN SITE, COLSTRIP MT	ROSEBUD CO	197301	197512
087 0027	SULFUR DIOXIDE	BN SITE, COLSTRIP MT	ROSEBUD CO	197501	197512
087 0027	SULFUR DIOXIDE	BN SITE, COLSTRIP MT	ROSEBUD CO	197501	197612
087 0027	SULFUR DIOXIDE	BN SITE, COLSTRIP MT	ROSEBUD CO	197501	197712
087 0027	NITRIC OXIDE	BN SITE, COLSTRIP MT	ROSEBUD CO	197601	197712
087 0027	NITROGEN DIOXIDE	BN SITE, COLSTRIP MT	ROSEBUD CO	197401	197512
087 0027	NITROGEN DIOXIDE	BN SITE, COLSTRIP MT	ROSEBUD CO	197501	197512
087 0027	NITROGEN DIOXIDE	BN SITE, COLSTRIP MT	ROSEBUD CO	197501	197612
087 0027	NITROGEN DIOXIDE	BN SITE, COLSTRIP MT	ROSEBUD CO	197501	197712
087 0027	OXIDES OF NITROGEN	BN SITE, COLSTRIP MT	ROSEBUD CO	197601	197712
087 0027	TOTAL HYDROCARBONS	BN SITE, COLSTRIP MT	ROSEBUD CO	197501	197712
087 0027	NONMETH ORGANIC COMP	BN SITE, COLSTRIP MT	ROSEBUD CO	197501	197712
087 0027	METHANE	BN SITE, COLSTRIP MT	ROSEBUD CO	197501	197712
087 0027	OZONE	BN SITE, COLSTRIP MT	ROSEBUD CO	197501	197512
087 0027	OZONE	BN SITE, COLSTRIP MT	ROSEBUD CO	197501	197712
087 0027	WIND SPEED	BN SITE, COLSTRIP MT	ROSEBUD CO	197601	197812
087 0027	WIND DIRECTION	BN SITE, COLSTRIP MT	ROSEBUD CO	197601	197812
087 0028	TSP	MCRAE SITE	ROSEBUD CO	197301	197912
087 0028	LIGHT SCATTER	MCRAE SITE	ROSEBUD CO	197601	197612
087 0028	ALUMINUM (TSP)	MCRAE SITE	ROSEBUD CO	197801	197812
087 0028	ARSENIC (TSP)	MCRAE SITE	ROSEBUD CO	197301	197812
087 0028	COPPER (TSP)	MCRAE SITE	ROSEBUD CO	197801	197812
087 0028	IRON (TSP)	MCRAE SITE	ROSEBUD CO	197801	197812
087 0028	NITRATE (TSP)	MCRAE SITE	ROSEBUD CO	197801	197812
087 0028	SULFATE (TSP)	MCRAE SITE	ROSEBUD CO	197801	197812
087 0028	CARBON MONOXIDE	MCRAE SITE	ROSEBUD CO	197301	197412
087 0028	CARBON MONOXIDE	MCRAE SITE	ROSEBUD CO	197501	197512
087 0028	SULFUR DIOXIDE	MCRAE SITE	ROSEBUD CO	197301	197512
087 0028	SULFUR DIOXIDE	MCRAE SITE	ROSEBUD CO	197501	197512
087 0028	SULFUR DIOXIDE	MCRAE SITE	ROSEBUD CO	197501	197712
087 0028	NITRIC OXIDE	MCRAE SITE	ROSEBUD CO	197301	197512
087 0028	NITROGEN DIOXIDE	MCRAE SITE	ROSEBUD CO	197301	197512
087 0028	NITROGEN DIOXIDE	MCRAE SITE	ROSEBUD CO	197401	197512
087 0028	NITROGEN DIOXIDE	MCRAE SITE	ROSEBUD CO	197501	197712
087 0028	OXIDES OF NITROGEN	MCRAE SITE	ROSEBUD CO	197301	197512
087 0028	OZONE	MCRAE SITE	ROSEBUD CO	197301	197512
087 0028	OZONE	MCRAE SITE	ROSEBUD CO	197501	197512
087 0028	WIND SPEED	MCRAE SITE	ROSEBUD CO	197601	197612
087 0028	WIND DIRECTION	MCRAE SITE	ROSEBUD CO	197601	197612
087 0101	OZONE	FT HOUES RANGER STA. ASHLAND, MT 59003	ROSEBUD CO	197601	198312
087 0101	TEMPERATURE	FT HOUES RANGER STA. ASHLAND, MT 59003	ROSEBUD CO	197701	197812
087 0101	RELATIVE HUMIDITY	FT HOUES RANGER STA. ASHLAND, MT 59003	ROSEBUD CO	197701	197812

SITE NUMBER	PARAMETER	SITE ADDRESS	COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
087 0101	SOLAR RADIATION	FT HOUES RANGER STA. ASHLAND, MT 59003	ROSEBUD CO	197701	197812
087 0304	TSP	.5 MILE SOUTH OF LAME DEER	ROSEBUD CO	198201	198512
087 0304	TSP	.5 MILE SOUTH OF LAME DEER	ROSEBUD CO	198301	198412
087 0304	SIZE FRACTINTD PARTI	.5 MILE SOUTH OF LAME DEER	ROSEBUD CO	198201	198312
087 0305	TSP	LAME DEER WEST	ROSEBUD CO	198201	198912
087 0305	TSP	LAME DEER WEST	ROSEBUD CO	198401	198812
087 0306	TSP	BIRNEY COMMUNITY	ROSEBUD CO	198301	198612
087 0306	NITRATE (TSP)	BIRNEY COMMUNITY	ROSEBUD CO	198301	198612
087 0306	SULFATE (TSP)	BIRNEY COMMUNITY	ROSEBUD CO	198301	198612
087 0307	TSP	INTERSECTION OF HWY 212 & 39, LAME DEER	ROSEBUD CO	198501	198912
087 0307	WIND SPEED	INTERSECTION OF HWY 212 & 39, LAME DEER	ROSEBUD CO	199202	
087 0307	WIND DIRECTION	INTERSECTION OF HWY 212 & 39, LAME DEER	ROSEBUD CO	199202	
087 0307	STD DEV HZ WND DIR	INTERSECTION OF HWY 212 & 39, LAME DEER	ROSEBUD CO	199202	
087 0307	TEMPERATURE	INTERSECTION OF HWY 212 & 39, LAME DEER	ROSEBUD CO	199204	
087 0307	BAROMETRIC PRESSURE	INTERSECTION OF HWY 212 & 39, LAME DEER	ROSEBUD CO	199204	
087 0307	RAIN/MELT PRECIP.	INTERSECTION OF HWY 212 & 39, LAME DEER	ROSEBUD CO	199308	
087 0307	PM10	INTERSECTION OF HWY 212 & 39, LAME DEER	ROSEBUD CO	198811	
087 0614	WIND SPEED	MPC #14, MET TOWER, COLSTRIP	ROSEBUD CO	197311	199206
087 0614	WIND DIRECTION	MPC #14, MET TOWER, COLSTRIP	ROSEBUD CO	197311	199206
087 0614	STD DEV HZ WND DIR	MPC #14, MET TOWER, COLSTRIP	ROSEBUD CO	198608	199206
087 0614	TEMPERATURE	MPC #14, MET TOWER, COLSTRIP	ROSEBUD CO	197312	199206
087 0614	TEMPERATURE DIF	MPC #14, MET TOWER, COLSTRIP	ROSEBUD CO	198311	199206
087 0700	TSP	MPC #3, CEDAR AVE HILL, COLSTRIP	ROSEBUD CO	197201	199012
087 0700	FLUORIDE (TSP)	MPC #3, CEDAR AVE HILL, COLSTRIP	ROSEBUD CO	197112	198812
087 0700	TOTAL DUSTFALL	MPC #3, CEDAR AVE HILL, COLSTRIP	ROSEBUD CO	197112	
087 0700	SULFUR DIOXIDE	MPC #3, CEDAR AVE HILL, COLSTRIP	ROSEBUD CO	198204	
087 0700	SULFATION RATE	MPC #3, CEDAR AVE HILL, COLSTRIP	ROSEBUD CO	197112	198812
087 0700	NITROGEN DIOXIDE	MPC #3, CEDAR AVE HILL, COLSTRIP	ROSEBUD CO	198204	
087 0700	WIND SPEED	MPC #3, CEDAR AVE HILL, COLSTRIP	ROSEBUD CO	198204	199206
087 0700	WIND DIRECTION	MPC #3, CEDAR AVE HILL, COLSTRIP	ROSEBUD CO	198204	199206
087 0700	STD DEV HZ WND DIR	MPC #3, CEDAR AVE HILL, COLSTRIP	ROSEBUD CO	198204	199206
087 0700	TEMPERATURE	MPC #3, CEDAR AVE HILL, COLSTRIP	ROSEBUD CO	198204	199206
087 0700	PM10	MPC #3, CEDAR AVE HILL, COLSTRIP	ROSEBUD CO	198912	
087 0700	PM10	MPC #3, CEDAR AVE HILL, COLSTRIP	ROSEBUD CO	198912	199012
087 0701	TSP	MPC #1,HIWAY 39 INDUSTRIAL PARK,COLSTRIP	ROSEBUD CO	197212	198812
087 0701	TSP	MPC #1,HIWAY 39 INDUSTRIAL PARK,COLSTRIP	ROSEBUD CO	197212	199206
087 0701	FLUORIDE (TSP)	MPC #1,HIWAY 39 INDUSTRIAL PARK,COLSTRIP	ROSEBUD CO	197301	198812
087 0701	TOTAL DUSTFALL	MPC #1,HIWAY 39 INDUSTRIAL PARK,COLSTRIP	ROSEBUD CO	197212	
087 0701	SULFUR DIOXIDE	MPC #1,HIWAY 39 INDUSTRIAL PARK,COLSTRIP	ROSEBUD CO	198106	
087 0701	SULFATION RATE	MPC #1,HIWAY 39 INDUSTRIAL PARK,COLSTRIP	ROSEBUD CO	197301	198812
087 0701	NITROGEN DIOXIDE	MPC #1,HIWAY 39 INDUSTRIAL PARK,COLSTRIP	ROSEBUD CO	198106	
087 0701	WIND SPEED	MPC #1,HIWAY 39 INDUSTRIAL PARK,COLSTRIP	ROSEBUD CO	198106	
087 0701	WIND DIRECTION	MPC #1,HIWAY 39 INDUSTRIAL PARK,COLSTRIP	ROSEBUD CO	198106	
087 0701	STD DEV HZ WND DIR	MPC #1,HIWAY 39 INDUSTRIAL PARK,COLSTRIP	ROSEBUD CO	198106	
087 0701	TEMPERATURE	MPC #1,HIWAY 39 INDUSTRIAL PARK,COLSTRIP	ROSEBUD CO	198106	
087 0701	PM10	MPC #1,HIWAY 39 INDUSTRIAL PARK,COLSTRIP	ROSEBUD CO	199207	
087 0702	TSP	MPC #2, 5&6 POND WEST, COLSTRIP	ROSEBUD CO	197212	198812

SITE NUMBER	PARAMETER	SITE ADDRESS	COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
087 0702	TSP	MPC #2, 5&6 POND WEST, COLSTRIP	ROSEBUD CO	197212	199206
087 0702	FLUORIDE (TSP)	MPC #2, 5&6 POND WEST, COLSTRIP	ROSEBUD CO	197301	198812
087 0702	TOTAL DUSTFALL	MPC #2, 5&6 POND WEST, COLSTRIP	ROSEBUD CO	197212	
087 0702	SULFUR DIOXIDE	MPC #2, 5&6 POND WEST, COLSTRIP	ROSEBUD CO	198106	
087 0702	SULFATION RATE	MPC #2, 5&6 POND WEST, COLSTRIP	ROSEBUD CO	197301	198812
087 0702	NITROGEN DIOXIDE	MPC #2, 5&6 POND WEST, COLSTRIP	ROSEBUD CO	198106	
087 0702	WIND SPEED	MPC #2, 5&6 POND WEST, COLSTRIP	ROSEBUD CO	198106	
087 0702	WIND DIRECTION	MPC #2, 5&6 POND WEST, COLSTRIP	ROSEBUD CO	198106	
087 0702	STD DEV HZ WND DIR	MPC #2, 5&6 POND WEST, COLSTRIP	ROSEBUD CO	198106	
087 0702	TEMPERATURE	MPC #2, 5&6 POND WEST, COLSTRIP	ROSEBUD CO	198106	
087 0702	PM10	MPC #2, 5&6 POND WEST, COLSTRIP	ROSEBUD CO	199207	
087 0703	TSP	PO BOX 38 COLSTRIP MT	ROSEBUD CO	198101	198212
087 0703	FLUORIDE (TSP)	PO BOX 38 COLSTRIP MT	ROSEBUD CO	198101	198212
087 0703	TOTAL DUSTFALL	PO BOX 38 COLSTRIP MT	ROSEBUD CO	198101	198112
087 0703	SULFUR DIOXIDE	PO BOX 38 COLSTRIP MT	ROSEBUD CO	198201	198212
087 0703	SULFATION RATE	PO BOX 38 COLSTRIP MT	ROSEBUD CO	198101	198112
087 0703	NITROGEN DIOXIDE	PO BOX 38 COLSTRIP MT	ROSEBUD CO	198201	198212
087 0704	TSP	MPC #4, HAWTHORNE HILL, COLSTRIP	ROSEBUD CO	197708	198812
087 0704	TSP	MPC #4, HAWTHORNE HILL, COLSTRIP	ROSEBUD CO	197708	199206
087 0704	FLUORIDE (TSP)	MPC #4, HAWTHORNE HILL, COLSTRIP	ROSEBUD CO	198309	198812
087 0704	TOTAL DUSTFALL	MPC #4, HAWTHORNE HILL, COLSTRIP	ROSEBUD CO	197712	199206
087 0704	SULFUR DIOXIDE	MPC #4, HAWTHORNE HILL, COLSTRIP	ROSEBUD CO	197701	199206
087 0704	SULFATION RATE	MPC #4, HAWTHORNE HILL, COLSTRIP	ROSEBUD CO	198301	198812
087 0704	NITROGEN DIOXIDE	MPC #4, HAWTHORNE HILL, COLSTRIP	ROSEBUD CO	197701	199206
087 0704	WIND SPEED	MPC #4, HAWTHORNE HILL, COLSTRIP	ROSEBUD CO	198108	199206
087 0704	WIND DIRECTION	MPC #4, HAWTHORNE HILL, COLSTRIP	ROSEBUD CO	198108	199206
087 0704	STD DEV HZ WND DIR	MPC #4, HAWTHORNE HILL, COLSTRIP	ROSEBUD CO	198108	199206
087 0704	TEMPERATURE	MPC #4, HAWTHORNE HILL, COLSTRIP	ROSEBUD CO	198108	199206
087 0705	FLUORIDE (TSP)	MPC #5, SNIDER RANCH, COLSTRIP	ROSEBUD CO	197904	198812
087 0705	TOTAL DUSTFALL	MPC #5, SNIDER RANCH, COLSTRIP	ROSEBUD CO	197904	198112
087 0705	SULFATION RATE	MPC #5, SNIDER RANCH, COLSTRIP	ROSEBUD CO	197904	198812
087 0706	FLUORIDE (TSP)	MPC #6, NORTH FORK COW CREEK, COLSTRIP	ROSEBUD CO	197212	198812
087 0706	SULFATION RATE	MPC #6, NORTH FORK COW CREEK, COLSTRIP	ROSEBUD CO	197212	198812
087 0707	FLUORIDE (TSP)	MPC #7, AREA B SOUTH, COLSTRIP	ROSEBUD CO	197209	198812
087 0707	SULFATION RATE	MPC #7, AREA B SOUTH, COLSTRIP	ROSEBUD CO	197209	198812
087 0708	FLUORIDE (TSP)	MPC #8, AIRPORT SITE, COLSTRIP	ROSEBUD CO	197209	198812
087 0708	SULFATION RATE	MPC #8, AIRPORT SITE, COLSTRIP	ROSEBUD CO	197209	198812
087 0709	FLUORIDE (TSP)	MPC #9, AREA A NORTH, COLSTRIP	ROSEBUD CO	197209	198812
087 0709	SULFATION RATE	MPC #9, AREA A NORTH, COLSTRIP	ROSEBUD CO	197209	198812
087 0710	FLUORIDE (TSP)	MPC #10, GOBBLERS KNOB, COLSTRIP	ROSEBUD CO	197209	198812
087 0710	SULFATION RATE	MPC #10, GOBBLERS KNOB, COLSTRIP	ROSEBUD CO	197209	198812
087 0711	FLUORIDE (TSP)	MPC #11,SOUTH FORK OF COW CREEK,COLSTRIP	ROSEBUD CO	197209	198812
087 0711	SULFATION RATE	MPC #11,SOUTH FORK OF COW CREEK,COLSTRIP	ROSEBUD CO	197209	198812
087 0712	FLUORIDE (TSP)	MPC #12, MCDONALDS, COLSTRIP	ROSEBUD CO	197209	198812
087 0712	SULFATION RATE	MPC #12, MCDONALDS, COLSTRIP	ROSEBUD CO	197209	198812
087 0713	FLUORIDE (TSP)	MPC #13, PROSPECTOR HILL, COLSTRIP	ROSEBUD CO	197212	198812
087 0713	TOTAL DUSTFALL	MPC #13, PROSPECTOR HILL, COLSTRIP	ROSEBUD CO	197212	198312

SITE NUMBER		PARAMETER	SITE ADDRESS	COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
087	0713	SULFATION RATE	MPC #13, PROSPECTOR HILL, COLSTRIP	ROSEBUD CO	197212	198812
087	0714	TSP	WECO #1-WEST OF GOLF COURSE, COLSTRIP	ROSEBUD CO	198101	199204
087	0714	TSP	WECO #1-WEST OF GOLF COURSE, COLSTRIP	ROSEBUD CO	198702	199012
087	0714	PM10	WECO #1-WEST OF GOLF COURSE, COLSTRIP	ROSEBUD CO	199205	
087	0715	TSP	WECO #2-E TOWN ENTRANCE,HIWAY 39,COLSTRP	ROSEBUD CO	198101	198412
087	0716	TSP	WECO #3-S TOWN,HIWAY 39 AREA B,COLSTRIP	ROSEBUD CO	198101	198412
087	0716	TOTAL DUSTFALL	WECO #3-S TOWN,HIWAY 39 AREA B,COLSTRIP	ROSEBUD CO	198101	198412
087	0717	TSP	WECO #4-AREA A-INSIDE RR LOOP & LOADOUT	ROSEBUD CO	198101	198412
087	0717	TOTAL DUSTFALL	WECO #4-AREA A-INSIDE RR LOOP & LOADOUT	ROSEBUD CO	198101	198412
087	0718	TSP	WECO #5-NEAR LOADOUT-N RR LOOP, COLSTRIP	ROSEBUD CO	198101	198212
087	0719	TSP	WECO #6-W COAL PILE AREA IN BULL PASTURE	ROSEBUD CO	198101	198212
087	0719	TOTAL DUSTFALL	WECO #6-W COAL PILE AREA IN BULL PASTURE	ROSEBUD CO	198101	198112
087	0720	TSP	WECO #7-AREA LOADOUT IN RR TRACK LOOP	ROSEBUD CO	198101	198412
087	0720	TOTAL DUSTFALL	WECO #7-AREA LOADOUT IN RR TRACK LOOP	ROSEBUD CO	198101	198412
087	0721	TSP	WECO #8-S TOWN IN PIT 6,RECLAIM AREA	ROSEBUD CO	198101	198412
087	0722	TSP	PEABODY-BIG SKY #1,MINE OFFICE,COLSTRIP	ROSEBUD CO	198001	198312
087	0722	WIND SPEED	PEABODY-BIG SKY #1,MINE OFFICE,COLSTRIP	ROSEBUD CO	198901	
087	0722	WIND DIRECTION	PEABODY-BIG SKY #1,MINE OFFICE,COLSTRIP	ROSEBUD CO	198901	
087	0722	STD DEV HZ WND DIR	PEABODY-BIG SKY #1,MINE OFFICE,COLSTRIP	ROSEBUD CO	198901	
087	0722	TEMPERATURE	PEABODY-BIG SKY #1,MINE OFFICE,COLSTRIP	ROSEBUD CO	198901	
087	0723	TSP	PEABODY-BIG SKY #2,SUBSTATION,COLSTRIP	ROSEBUD CO	198001	199004
087	0725	TSP	PEABODY-BIG SKY POWDER MAGAZINE #4	ROSEBUD CO	198001	198812
087	0725	PM10	PEABODY-BIG SKY POWDER MAGAZINE #4	ROSEBUD CO	198901	
087	0726	TSP	WECO #9-S TOWN AREA B-W HIWAY 39	ROSEBUD CO	198101	199204
087	0726	PM10	WECO #9-S TOWN AREA B-W HIWAY 39	ROSEBUD CO	199205	
087	0727	TSP	WECO #10-S TOWN AREA B-RANGE HILLSIDE	ROSEBUD CO	198101	199204
087	0727	PM10	WECO #10-S TOWN AREA B-RANGE HILLSIDE	ROSEBUD CO	199205	
087	0728	TSP	WECO #11-W TOWN AREA C-FENCED PASTURE	ROSEBUD CO	198101	199204
087	0728	TOTAL DUSTFALL	WECO #11-W TOWN AREA C-FENCED PASTURE	ROSEBUD CO	198107	198412
087	0728	PM10	WECO #11-W TOWN AREA C-FENCED PASTURE	ROSEBUD CO	199205	
087	0729	TSP	WECO #13-W TOWN AREA C-CATTLE PASTURE	ROSEBUD CO	198706	199204
087	0729	WIND SPEED	WECO #13-W TOWN AREA C-CATTLE PASTURE	ROSEBUD CO	198101	198212
087	0729	WIND DIRECTION	WECO #13-W TOWN AREA C-CATTLE PASTURE	ROSEBUD CO	198101	198212
087	0729	PM10	WECO #13-W TOWN AREA C-CATTLE PASTURE	ROSEBUD CO	199205	
087	0730	WIND SPEED	WECO #13-NE TIP RR LOOP AREA A	ROSEBUD CO	198201	198712
087	0730	WIND DIRECTION	WECO #13-NE TIP RR LOOP AREA A	ROSEBUD CO	198201	198712
087	0731	TSP	WECO #5-3 MI NE COLSTRIP-AREA D WEST	ROSEBUD CO	198201	199105
087	0732	TSP	WESTERN ENERGY #14, COLSTRIP	ROSEBUD CO	199003	199204
087	0732	PM10	WESTERN ENERGY #14, COLSTRIP	ROSEBUD CO	199205	
087	0733	TSP	WESTERN ENERGY CO - WECO #12, COLSTRIP	ROSEBUD CO	199105	199204
087	0733	PM10	WESTERN ENERGY CO - WECO #12, COLSTRIP	ROSEBUD CO	199205	
087	0735	TSP	PEABODY-BIG SKY #5,TIPPLE	ROSEBUD CO	198001	199004
087	0736	TSP	PEABODY-BIG SKY #6,COULEE	ROSEBUD CO	198001	199004
087	0737	TSP	PEABODY-BIG SKY #8,HIWAYE	ROSEBUD CO	198001	198512
087	0738	WIND SPEED	PEABODY-BIG SKY #9,UPPER AREA B	ROSEBUD CO	198901	

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087 0738	WIND DIRECTION	PEABODY-BIG SKY #9,UPPER AREA B	ROSEBUD CO	198901	
087 0738	STD DEV HZ WND DIR	PEABODY-BIG SKY #9,UPPER AREA B	ROSEBUD CO	198901	
087 0738	TEMPERATURE	PEABODY-BIG SKY #9,UPPER AREA B	ROSEBUD CO	198901	
087 0738	PM10	PEABODY-BIG SKY #9,UPPER AREA B	ROSEBUD CO	198901	
087 0739	PM10	PEABODY-BIG SKY #10,LOWER AREA B	ROSEBUD CO	198907	
087 0739	PM10	PEABODY-BIG SKY #10,LOWER AREA B	ROSEBUD CO	198907	199012
087 0760	TSP	NO CHEYENNE, MORNINGSTAR, COLSTRIP	ROSEBUD CO	198103	199309
087 0760	LIGHT SCATTER	NO CHEYENNE, MORNINGSTAR, COLSTRIP	ROSEBUD CO	198103	
087 0760	SULFUR DIOXIDE	NO CHEYENNE, MORNINGSTAR, COLSTRIP	ROSEBUD CO	198103	
087 0760	NITROGEN DIOXIDE	NO CHEYENNE, MORNINGSTAR, COLSTRIP	ROSEBUD CO	198103	
087 0760	WIND SPEED	NO CHEYENNE, MORNINGSTAR, COLSTRIP	ROSEBUD CO	198103	
087 0760	WIND DIRECTION	NO CHEYENNE, MORNINGSTAR, COLSTRIP	ROSEBUD CO	198103	
087 0760	STD DEV HZ WND DIR	NO CHEYENNE, MORNINGSTAR, COLSTRIP	ROSEBUD CO	198103	
087 0760	TEMPERATURE	NO CHEYENNE, MORNINGSTAR, COLSTRIP	ROSEBUD CO	198103	
087 0760	DEW POINT	NO CHEYENNE, MORNINGSTAR, COLSTRIP	ROSEBUD CO	198103	
087 0760	SOLAR RADIATION	NO CHEYENNE, MORNINGSTAR, COLSTRIP	ROSEBUD CO	198103	
087 0760	BAROMETRIC PRESSURE	NO CHEYENNE, MORNINGSTAR, COLSTRIP	ROSEBUD CO	198103	
087 0760	RAIN/MELT PRECIP.	NO CHEYENNE, MORNINGSTAR, COLSTRIP	ROSEBUD CO	198103	
087 0760	PM10	NO CHEYENNE, MORNINGSTAR, COLSTRIP	ROSEBUD CO	199308	
087 0761	TSP	NO CHEYENNE, GARFIELD PEAK, COLSTRIP	ROSEBUD CO	198103	199309
087 0761	SULFUR DIOXIDE	NO CHEYENNE, GARFIELD PEAK, COLSTRIP	ROSEBUD CO	198103	
087 0761	NITROGEN DIOXIDE	NO CHEYENNE, GARFIELD PEAK, COLSTRIP	ROSEBUD CO	198103	
087 0761	WIND SPEED	NO CHEYENNE, GARFIELD PEAK, COLSTRIP	ROSEBUD CO	198103	
087 0761	WIND DIRECTION	NO CHEYENNE, GARFIELD PEAK, COLSTRIP	ROSEBUD CO	198103	
087 0761	STD DEV HZ WND DIR	NO CHEYENNE, GARFIELD PEAK, COLSTRIP	ROSEBUD CO	198103	
087 0761	TEMPERATURE	NO CHEYENNE, GARFIELD PEAK, COLSTRIP	ROSEBUD CO	198103	
087 0761	DEW POINT	NO CHEYENNE, GARFIELD PEAK, COLSTRIP	ROSEBUD CO	198103	
087 0761	SOLAR RADIATION	NO CHEYENNE, GARFIELD PEAK, COLSTRIP	ROSEBUD CO	198103	
087 0761	RAIN/MELT PRECIP.	NO CHEYENNE, GARFIELD PEAK, COLSTRIP	ROSEBUD CO	198103	
087 0762	TSP	NO CHEYENNE, BADGER PEAK, COLSTRIP	ROSEBUD CO	198103	199309
087 0762	SULFUR DIOXIDE	NO CHEYENNE, BADGER PEAK, COLSTRIP	ROSEBUD CO	198103	
087 0762	NITROGEN DIOXIDE	NO CHEYENNE, BADGER PEAK, COLSTRIP	ROSEBUD CO	198103	
087 0762	WIND SPEED	NO CHEYENNE, BADGER PEAK, COLSTRIP	ROSEBUD CO	198103	
087 0762	WIND DIRECTION	NO CHEYENNE, BADGER PEAK, COLSTRIP	ROSEBUD CO	198103	
087 0762	STD DEV HZ WND DIR	NO CHEYENNE, BADGER PEAK, COLSTRIP	ROSEBUD CO	198103	
087 0762	TEMPERATURE	NO CHEYENNE, BADGER PEAK, COLSTRIP	ROSEBUD CO	198103	
087 0762	DEW POINT	NO CHEYENNE, BADGER PEAK, COLSTRIP	ROSEBUD CO	198103	
087 0762	SOLAR RADIATION	NO CHEYENNE, BADGER PEAK, COLSTRIP	ROSEBUD CO	198103	
087 0762	RAIN/MELT PRECIP.	NO CHEYENNE, BADGER PEAK, COLSTRIP	ROSEBUD CO	198103	
087 0763	SULFUR DIOXIDE	ROSEBUD ENERGY #1, 7 MI N COLSTRIP	ROSEBUD CO	198907	
087 0763	WIND SPEED	ROSEBUD ENERGY #1, 7 MI N COLSTRIP	ROSEBUD CO	198904	
087 0763	WIND DIRECTION	ROSEBUD ENERGY #1, 7 MI N COLSTRIP	ROSEBUD CO	198904	
087 0763	STD DEV HZ WND DIR	ROSEBUD ENERGY #1, 7 MI N COLSTRIP	ROSEBUD CO	198904	
087 0763	TEMPERATURE	ROSEBUD ENERGY #1, 7 MI N COLSTRIP	ROSEBUD CO	198904	
087 0763	PM10	ROSEBUD ENERGY #1, 7 MI N COLSTRIP	ROSEBUD CO	198907	
087 0763	PM10	ROSEBUD ENERGY #1, 7 MI N COLSTRIP	ROSEBUD CO	198907	199012
087 0764	SULFUR DIOXIDE	ROSEBUD ENERGY #2, 6 MI N COLSTRIP	ROSEBUD CO	198905	199208

SITE NUMBER		PARAMETER	SITE ADDRESS		COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
087	0764	PM10	ROSEBUD ENERGY #2, 6 MI N COLSTRIP		ROSEBUD CO	198906	199208
087	0765	SULFUR DIOXIDE	ROSEBUD ENERGY #3-WIMERS,6 MI N COLSTRIP		ROSEBUD CO	198905	199208
087	0765	PM10	ROSEBUD ENERGY #3-WIMERS,6 MI N COLSTRIP		ROSEBUD CO	198906	199208
089	0001	TSP	MILLER RESIDENCE	THOMPSON FALLS	SANDERS CO	197201	197312
089	0001	BENZENE SOL ORG (TSP)	MILLER RESIDENCE	THOMPSON FALLS	SANDERS CO	197201	197212
089	0001	CADMIUM (TSP)	MILLER RESIDENCE	THOMPSON FALLS	SANDERS CO	197201	197212
089	0001	LEAD (TSP)	MILLER RESIDENCE	THOMPSON FALLS	SANDERS CO	197201	197212
089	0001	ZINC (TSP)	MILLER RESIDENCE	THOMPSON FALLS	SANDERS CO	197201	197212
089	0002	TSP	THOMPSON FALLS, MT	THOMPSON FALLS	SANDERS CO	197801	197812
089	0003	TSP	SANDERS CO COURTHOUSE, THOMPSON FALLS	THOMPSON FALLS	SANDERS CO	198301	198712
089	0003	ANTIMONY (TSP)	SANDERS CO COURTHOUSE, THOMPSON FALLS	THOMPSON FALLS	SANDERS CO	198406	198512
089	0003	ARSENIC (TSP)	SANDERS CO COURTHOUSE, THOMPSON FALLS	THOMPSON FALLS	SANDERS CO	198406	198512
089	0003	CADMIUM (TSP)	SANDERS CO COURTHOUSE, THOMPSON FALLS	THOMPSON FALLS	SANDERS CO	198401	198412
089	0003	CHROMIUM (TSP)	SANDERS CO COURTHOUSE, THOMPSON FALLS	THOMPSON FALLS	SANDERS CO	198401	198412
089	0003	COPPER (TSP)	SANDERS CO COURTHOUSE, THOMPSON FALLS	THOMPSON FALLS	SANDERS CO	198401	198412
089	0003	IRON (TSP)	SANDERS CO COURTHOUSE, THOMPSON FALLS	THOMPSON FALLS	SANDERS CO	198401	198412
089	0003	LEAD (TSP)	SANDERS CO COURTHOUSE, THOMPSON FALLS	THOMPSON FALLS	SANDERS CO	198401	198412
089	0003	ZINC (TSP)	SANDERS CO COURTHOUSE, THOMPSON FALLS	THOMPSON FALLS	SANDERS CO	198401	198412
089	0003	PM10	SANDERS CO COURTHOUSE, THOMPSON FALLS	THOMPSON FALLS	SANDERS CO	198501	198712
089	0003	PM10	SANDERS CO COURTHOUSE, THOMPSON FALLS	THOMPSON FALLS	SANDERS CO	198704	
089	0004	TSP	DIXON, OLD TRIBAL HEADQUARTERS		SANDERS CO	198401	198612
089	0004	WIND SPEED	DIXON, OLD TRIBAL HEADQUARTERS		SANDERS CO	198401	198612
089	0004	WIND DIRECTION	DIXON, OLD TRIBAL HEADQUARTERS		SANDERS CO	198401	198612
089	0004	TEMPERATURE	DIXON, OLD TRIBAL HEADQUARTERS		SANDERS CO	198401	198612
089	0005	PM10	RAILROAD,MADISON ST & PRESTON AVE,TFALLS	THOMPSON FALLS	SANDERS CO	199010	199112
089	0006	PM10	MUSTER RANCH, N OF THOMPSON FALLS	THOMPSON FALLS	SANDERS CO	199010	199112
089	0101	PM10	101 MAIN STREET		SANDERS CO	199501	199512
091	0001	SULFATION RATE	BOX 506 POPLAR MT 59255		SHERIDAN CO	198301	198512
093	0001	TSP	HARRISON AVE FIRE STATION #5	BUTTE-SILVER BOW	SILVER BOW CO	196201	197212
093	0001	BENZENE SOL ORG (TSP)	HARRISON AVE FIRE STATION #5	BUTTE-SILVER BOW	SILVER BOW CO	196201	197112
093	0001	ARSENIC (TSP)	HARRISON AVE FIRE STATION #5	BUTTE-SILVER BOW	SILVER BOW CO	196201	197212
093	0001	CADMIUM (TSP)	HARRISON AVE FIRE STATION #5	BUTTE-SILVER BOW	SILVER BOW CO	197101	197212
093	0001	LEAD (TSP)	HARRISON AVE FIRE STATION #5	BUTTE-SILVER BOW	SILVER BOW CO	197101	197212
093	0001	ZINC (TSP)	HARRISON AVE FIRE STATION #5	BUTTE-SILVER BOW	SILVER BOW CO	197101	197212
093	0001	FLUORIDE (TSP)	HARRISON AVE FIRE STATION #5	BUTTE-SILVER BOW	SILVER BOW CO	196201	196212
093	0001	SULFATE (TSP)	HARRISON AVE FIRE STATION #5	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093	0002	TSP	WEBSTER-GARFIELD SCH MONT AVE & FRONT ST	BUTTE-SILVER BOW	SILVER BOW CO	197101	197212
093	0002	BENZENE SOL ORG (TSP)	WEBSTER-GARFIELD SCH MONT AVE & FRONT ST	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093	0002	ARSENIC (TSP)	WEBSTER-GARFIELD SCH MONT AVE & FRONT ST	BUTTE-SILVER BOW	SILVER BOW CO	197101	197212
093	0002	CADMIUM (TSP)	WEBSTER-GARFIELD SCH MONT AVE & FRONT ST	BUTTE-SILVER BOW	SILVER BOW CO	197101	197212
093	0002	LEAD (TSP)	WEBSTER-GARFIELD SCH MONT AVE & FRONT ST	BUTTE-SILVER BOW	SILVER BOW CO	197101	197212
093	0002	ZINC (TSP)	WEBSTER-GARFIELD SCH MONT AVE & FRONT ST	BUTTE-SILVER BOW	SILVER BOW CO	197101	197212
093	0002	FLUORIDE (TSP)	WEBSTER-GARFIELD SCH MONT AVE & FRONT ST	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093	0002	SULFATE (TSP)	WEBSTER-GARFIELD SCH MONT AVE & FRONT ST	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093	0003	TSP	SILVER BOW GEN. HOSP. 3000 CONTINENTAL	BUTTE-SILVER BOW	SILVER BOW CO	197101	197712
093	0003	BENZENE SOL ORG (TSP)	SILVER BOW GEN. HOSP. 3000 CONTINENTAL	BUTTE-SILVER BOW	SILVER BOW CO	197101	197712
093	0003	ARSENIC (TSP)	SILVER BOW GEN. HOSP. 3000 CONTINENTAL	BUTTE-SILVER BOW	SILVER BOW CO	197101	197212

SITE NUMBER	PARAMETER	SITE ADDRESS		COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
093 0003	CADMIUM (TSP)	SILVER BOW GEN. HOSP. 3000 CONTINENTAL	BUTTE-SILVER BOW	SILVER BOW CO	197101	197212
093 0003	LEAD (TSP)	SILVER BOW GEN. HOSP. 3000 CONTINENTAL	BUTTE-SILVER BOW	SILVER BOW CO	197101	197212
093 0003	ZINC (TSP)	SILVER BOW GEN. HOSP. 3000 CONTINENTAL	BUTTE-SILVER BOW	SILVER BOW CO	197101	197212
093 0003	SULFATE (TSP)	SILVER BOW GEN. HOSP. 3000 CONTINENTAL	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093 0004	TSP	WHITTIER SCHOOL OTTAWA ST	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093 0004	BENZENE SOL ORG (TSP)	WHITTIER SCHOOL OTTAWA ST	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093 0004	ARSENIC (TSP)	WHITTIER SCHOOL OTTAWA ST	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093 0004	CADMIUM (TSP)	WHITTIER SCHOOL OTTAWA ST	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093 0004	LEAD (TSP)	WHITTIER SCHOOL OTTAWA ST	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093 0004	ZINC (TSP)	WHITTIER SCHOOL OTTAWA ST	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093 0004	FLUORIDE (TSP)	WHITTIER SCHOOL OTTAWA ST	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093 0004	SULFATE (TSP)	WHITTIER SCHOOL OTTAWA ST	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093 0005	TSP	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	197101	198712
093 0005	TSP	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	198201	198412
093 0005	BENZENE SOL ORG (TSP)	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093 0005	LIGHT SCATTER	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	198907	199303
093 0005	ALUMINUM (TSP)	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093 0005	ANTIMONY (TSP)	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812
093 0005	ARSENIC (TSP)	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	197101	198312
093 0005	CADMIUM (TSP)	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	197102	198312
093 0005	CHROMIUM (TSP)	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093 0005	COPPER (TSP)	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	197801	198312
093 0005	IRON (TSP)	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093 0005	LEAD (TSP)	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	197101	198312
093 0005	MANGANESE (TSP)	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093 0005	NICKEL (TSP)	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093 0005	VANADIUM (TSP)	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093 0005	ZINC (TSP)	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	197102	198312
093 0005	FLUORIDE (TSP)	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093 0005	NITRATE (TSP)	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	197601	198012
093 0005	SULFATE (TSP)	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	197101	197812
093 0005	SULFATE (TSP)	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	197601	198212
093 0005	SULFATE (TSP)	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	198201	198212
093 0005	PM10	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	198501	198712
093 0005	PM10	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	198705	
093 0005	PM10	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	198910	199012
093 0005	PM10	GREELEY SCHOOL, SILVER BOW BLVD	BUTTE-SILVER BOW	SILVER BOW CO	199308	
093 0006	TSP	COURTHOUSE MONTANA & GRANIT	BUTTE-SILVER BOW	SILVER BOW CO	197101	197212
093 0006	BENZENE SOL ORG (TSP)	COURTHOUSE MONTANA & GRANIT	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093 0006	ARSENIC (TSP)	COURTHOUSE MONTANA & GRANIT	BUTTE-SILVER BOW	SILVER BOW CO	197101	197212
093 0006	CADMIUM (TSP)	COURTHOUSE MONTANA & GRANIT	BUTTE-SILVER BOW	SILVER BOW CO	197101	197212
093 0006	LEAD (TSP)	COURTHOUSE MONTANA & GRANIT	BUTTE-SILVER BOW	SILVER BOW CO	197101	197212
093 0006	ZINC (TSP)	COURTHOUSE MONTANA & GRANIT	BUTTE-SILVER BOW	SILVER BOW CO	197101	197212
093 0006	FLUORIDE (TSP)	COURTHOUSE MONTANA & GRANIT	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093 0006	SULFATE (TSP)	COURTHOUSE MONTANA & GRANIT	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093 0007	TSP	EMERSON SCHOOL MARSHA & PHILLIPS	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093 0007	BENZENE SOL ORG (TSP)	EMERSON SCHOOL MARSHA & PHILLIPS	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112

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093 0007	ARSENIC (TSP)	EMERSON SCHOOL MARSHA & PHILLIPS	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093 0007	CADMIUM (TSP)	EMERSON SCHOOL MARSHA & PHILLIPS	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093 0007	LEAD (TSP)	EMERSON SCHOOL MARSHA & PHILLIPS	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093 0007	ZINC (TSP)	EMERSON SCHOOL MARSHA & PHILLIPS	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093 0007	FLUORIDE (TSP)	EMERSON SCHOOL MARSHA & PHILLIPS	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093 0007	SULFATE (TSP)	EMERSON SCHOOL MARSHA & PHILLIPS	BUTTE-SILVER BOW	SILVER BOW CO	197101	197112
093 0008	PM10	BUTTE-GREENHOUSE, SW CORNER FLORAL/MEADE	BUTTE-SILVER BOW	SILVER BOW CO	199101	199206
093 0010	TSP	2201 COTTONWOOD DRIVE	BUTTE-SILVER BOW	SILVER BOW CO	197201	197212
093 0010	ARSENIC (TSP)	2201 COTTONWOOD DRIVE	BUTTE-SILVER BOW	SILVER BOW CO	197201	197212
093 0010	CADMIUM (TSP)	2201 COTTONWOOD DRIVE	BUTTE-SILVER BOW	SILVER BOW CO	197201	197212
093 0010	LEAD (TSP)	2201 COTTONWOOD DRIVE	BUTTE-SILVER BOW	SILVER BOW CO	197201	197212
093 0010	ZINC (TSP)	2201 COTTONWOOD DRIVE	BUTTE-SILVER BOW	SILVER BOW CO	197201	197212
093 0011	TSP	ATKINS RES 139 MISSOULA AVE	BUTTE-SILVER BOW	SILVER BOW CO	197301	198012
093 0011	ALUMINUM (TSP)	ATKINS RES 139 MISSOULA AVE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812
093 0011	ARSENIC (TSP)	ATKINS RES 139 MISSOULA AVE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812
093 0011	CADMIUM (TSP)	ATKINS RES 139 MISSOULA AVE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812
093 0011	COPPER (TSP)	ATKINS RES 139 MISSOULA AVE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812
093 0011	IRON (TSP)	ATKINS RES 139 MISSOULA AVE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812
093 0011	LEAD (TSP)	ATKINS RES 139 MISSOULA AVE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812
093 0011	ZINC (TSP)	ATKINS RES 139 MISSOULA AVE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812
093 0012	TSP	HARRISON SCHOOL	BUTTE-SILVER BOW	SILVER BOW CO	197401	197412
093 0013	TSP	HILLCREST	BUTTE-SILVER BOW	SILVER BOW CO	197401	197512
093 0014	TSP	RICHER RESIDENCE	BUTTE-SILVER BOW	SILVER BOW CO	197501	197912
093 0014	ALUMINUM (TSP)	RICHER RESIDENCE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812
093 0014	ARSENIC (TSP)	RICHER RESIDENCE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093 0014	CADMIUM (TSP)	RICHER RESIDENCE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093 0014	CHROMIUM (TSP)	RICHER RESIDENCE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093 0014	COPPER (TSP)	RICHER RESIDENCE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093 0014	IRON (TSP)	RICHER RESIDENCE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812
093 0014	LEAD (TSP)	RICHER RESIDENCE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093 0014	MANGANESE (TSP)	RICHER RESIDENCE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093 0014	NICKEL (TSP)	RICHER RESIDENCE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093 0014	VANADIUM (TSP)	RICHER RESIDENCE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093 0014	ZINC (TSP)	RICHER RESIDENCE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812
093 0014	NITRATE (TSP)	RICHER RESIDENCE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093 0014	SULFATE (TSP)	RICHER RESIDENCE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812
093 0014	SULFATE (TSP)	RICHER RESIDENCE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093 0015	CARBON MONOXIDE	ALPINE WEST,1 BLK E PINE & STUART,BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197701	197912
093 0015	NITROGEN DIOXIDE	ALPINE WEST,1 BLK E PINE & STUART,BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197701	197712
093 0015	OZONE	ALPINE WEST,1 BLK E PINE & STUART,BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197701	197712
093 0016	TSP	GILMAN CONSTRUCTION,CONTINENTAL DR,BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197701	197812
093 0016	ALUMINUM (TSP)	GILMAN CONSTRUCTION,CONTINENTAL DR,BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812
093 0016	ARSENIC (TSP)	GILMAN CONSTRUCTION,CONTINENTAL DR,BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812
093 0016	CADMIUM (TSP)	GILMAN CONSTRUCTION,CONTINENTAL DR,BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812
093 0016	COPPER (TSP)	GILMAN CONSTRUCTION,CONTINENTAL DR,BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812
093 0016	IRON (TSP)	GILMAN CONSTRUCTION,CONTINENTAL DR,BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812
093 0016	LEAD (TSP)	GILMAN CONSTRUCTION,CONTINENTAL DR,BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812

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093	0016	ZINC (TSP)	GILMAN CONSTRUCTION,CONTINENTAL DR,BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812
093	0017	TSP	HEBGEN PARK #1	BUTTE-SILVER BOW	SILVER BOW CO	197801	198312
093	0017	ALUMINUM (TSP)	HEBGEN PARK #1	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0017	ARSENIC (TSP)	HEBGEN PARK #1	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0017	CADMIUM (TSP)	HEBGEN PARK #1	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0017	CHROMIUM (TSP)	HEBGEN PARK #1	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0017	COPPER (TSP)	HEBGEN PARK #1	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0017	IRON (TSP)	HEBGEN PARK #1	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0017	LEAD (TSP)	HEBGEN PARK #1	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0017	MANGANESE (TSP)	HEBGEN PARK #1	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0017	NICKEL (TSP)	HEBGEN PARK #1	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0017	VANADIUM (TSP)	HEBGEN PARK #1	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0017	ZINC (TSP)	HEBGEN PARK #1	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0017	NITRATE (TSP)	HEBGEN PARK #1	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0017	SULFATE (TSP)	HEBGEN PARK #1	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812
093	0017	SULFATE (TSP)	HEBGEN PARK #1	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0018	TSP	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197801	198312
093	0018	LIGHT SCATTER	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093	0018	ALUMINUM (TSP)	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0018	ARSENIC (TSP)	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093	0018	CADMIUM (TSP)	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093	0018	CHROMIUM (TSP)	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093	0018	COPPER (TSP)	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093	0018	IRON (TSP)	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0018	LEAD (TSP)	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093	0018	MANGANESE (TSP)	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093	0018	NICKEL (TSP)	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093	0018	VANADIUM (TSP)	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197901	198012
093	0018	ZINC (TSP)	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0018	NITRATE (TSP)	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093	0018	SULFATE (TSP)	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812
093	0018	SULFATE (TSP)	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197801	198212
093	0018	CARBON MONOXIDE	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0018	SULFUR DIOXIDE	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0018	NITRIC OXIDE	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	198001	198112
093	0018	NITROGEN DIOXIDE	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197801	198112
093	0018	OXIDES OF NITROGEN	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	198001	198112
093	0018	TOTAL HYDROCARBONS	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812
093	0018	METHANE	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812
093	0018	OZONE	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197801	198112
093	0018	WIND SPEED	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197801	198112
093	0018	WIND DIRECTION	HEBGEN PARK #2	BUTTE-SILVER BOW	SILVER BOW CO	197801	198112
093	0019	TSP	DR CANTY RESIDENCE,225 S CLARK, BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197801	198312
093	0019	ALUMINUM (TSP)	DR CANTY RESIDENCE,225 S CLARK, BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0019	ARSENIC (TSP)	DR CANTY RESIDENCE,225 S CLARK, BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093	0019	CADMIUM (TSP)	DR CANTY RESIDENCE,225 S CLARK, BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093	0019	CHROMIUM (TSP)	DR CANTY RESIDENCE,225 S CLARK, BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012

SITE NUMBER		PARAMETER	SITE ADDRESS		COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
093	0019	COPPER (TSP)	DR CANTY RESIDENCE,225 S CLARK, BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093	0019	IRON (TSP)	DR CANTY RESIDENCE,225 S CLARK, BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0019	LEAD (TSP)	DR CANTY RESIDENCE,225 S CLARK, BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093	0019	MANGANESE (TSP)	DR CANTY RESIDENCE,225 S CLARK, BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093	0019	NICKEL (TSP)	DR CANTY RESIDENCE,225 S CLARK, BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093	0019	VANADIUM (TSP)	DR CANTY RESIDENCE,225 S CLARK, BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197901	198012
093	0019	ZINC (TSP)	DR CANTY RESIDENCE,225 S CLARK, BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0019	NITRATE (TSP)	DR CANTY RESIDENCE,225 S CLARK, BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093	0019	SULFATE (TSP)	DR CANTY RESIDENCE,225 S CLARK, BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197801	197812
093	0019	SULFATE (TSP)	DR CANTY RESIDENCE,225 S CLARK, BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	197801	198212
093	0020	TSP	FLORAL PARK	BUTTE-SILVER BOW	SILVER BOW CO	197801	198312
093	0020	ALUMINUM (TSP)	FLORAL PARK	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0020	ARSENIC (TSP)	FLORAL PARK	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093	0020	CADMIUM (TSP)	FLORAL PARK	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093	0020	CHROMIUM (TSP)	FLORAL PARK	BUTTE-SILVER BOW	SILVER BOW CO	197901	198012
093	0020	COPPER (TSP)	FLORAL PARK	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093	0020	IRON (TSP)	FLORAL PARK	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0020	LEAD (TSP)	FLORAL PARK	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093	0020	MANGANESE (TSP)	FLORAL PARK	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093	0020	NICKEL (TSP)	FLORAL PARK	BUTTE-SILVER BOW	SILVER BOW CO	197901	198012
093	0020	VANADIUM (TSP)	FLORAL PARK	BUTTE-SILVER BOW	SILVER BOW CO	197901	198012
093	0020	ZINC (TSP)	FLORAL PARK	BUTTE-SILVER BOW	SILVER BOW CO	197801	197912
093	0020	NITRATE (TSP)	FLORAL PARK	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093	0020	SULFATE (TSP)	FLORAL PARK	BUTTE-SILVER BOW	SILVER BOW CO	197801	198012
093	0022	LIGHT SCATTER	CONTINENTAL DR & ALPINE, BUTTE		SILVER BOW CO	198709	198812
093	0022	CARBON MONOXIDE	CONTINENTAL DR & ALPINE, BUTTE		SILVER BOW CO	198709	198812
093	0022	WIND SPEED	CONTINENTAL DR & ALPINE, BUTTE		SILVER BOW CO	198709	198812
093	0022	WIND DIRECTION	CONTINENTAL DR & ALPINE, BUTTE		SILVER BOW CO	198709	198812
093	0029	TSP	BLAINE SCHOOL,N.MAIN,WALKERVILLE	BUTTE-SILVER BOW	SILVER BOW CO	198001	198212
093	0031	PM10	BEAL MOUNTAIN MINE-LITTLE GULCH #1		SILVER BOW CO	198712	198809
093	0031	PM10	BEAL MOUNTAIN MINE-LITTLE GULCH #1		SILVER BOW CO	198801	199012
093	0032	TSP	BEAL MOUNTAIN MINE - WHITE PINE CR #2		SILVER BOW CO	198804	198810
093	0032	PM10	BEAL MOUNTAIN MINE - WHITE PINE CR #2		SILVER BOW CO	198712	199003
093	0033	PM10	BEAL MOUNTAIN MINE-BEEFSTRAIGHT CR #3		SILVER BOW CO	198712	
093	0033	ANTIMONY (PM10)	BEAL MOUNTAIN MINE-BEEFSTRAIGHT CR #3		SILVER BOW CO	199101	199303
093	0033	ARSENIC (PM10)	BEAL MOUNTAIN MINE-BEEFSTRAIGHT CR #3		SILVER BOW CO	199101	199303
093	0033	CHROMIUM (PM10)	BEAL MOUNTAIN MINE-BEEFSTRAIGHT CR #3		SILVER BOW CO	199101	199303
093	0033	LEAD (PM10)	BEAL MOUNTAIN MINE-BEEFSTRAIGHT CR #3		SILVER BOW CO	199101	199303
093	0033	ZINC (PM10)	BEAL MOUNTAIN MINE-BEEFSTRAIGHT CR #3		SILVER BOW CO	199101	199303
093	0034	WIND SPEED	BEAL MOUNTAIN, WEATHER STATION #4		SILVER BOW CO	198712	199512
093	0034	WIND DIRECTION	BEAL MOUNTAIN, WEATHER STATION #4		SILVER BOW CO	198712	199512
093	0034	STD DEV HZ WND DIR	BEAL MOUNTAIN, WEATHER STATION #4		SILVER BOW CO	198910	199512
093	0034	TEMPERATURE	BEAL MOUNTAIN, WEATHER STATION #4		SILVER BOW CO	199001	199512
093	0035	PM10	BEAL MOUNTAIN MINE-LOWER ACCESS ROAD #5		SILVER BOW CO	198811	199104
093	0035	ANTIMONY (PM10)	BEAL MOUNTAIN MINE-LOWER ACCESS ROAD #5		SILVER BOW CO	199101	199104
093	0035	ARSENIC (PM10)	BEAL MOUNTAIN MINE-LOWER ACCESS ROAD #5		SILVER BOW CO	199101	199104
093	0035	CHROMIUM (PM10)	BEAL MOUNTAIN MINE-LOWER ACCESS ROAD #5		SILVER BOW CO	199101	199104

SITE NUMBER		PARAMETER	SITE ADDRESS		COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
093	0035	LEAD (PM10)	BEAL MOUNTAIN MINE-LOWER ACCESS ROAD #5		SILVER BOW CO	199101	199104
093	0035	ZINC (PM10)	BEAL MOUNTAIN MINE-LOWER ACCESS ROAD #5		SILVER BOW CO	199101	199104
093	0036	TSP	PEGASUS BEAL MOUNTAIN MINE #6		SILVER BOW CO	198810	199102
093	0036	PM10	PEGASUS BEAL MOUNTAIN MINE #6		SILVER BOW CO	198810	
093	0036	PM10	PEGASUS BEAL MOUNTAIN MINE #6		SILVER BOW CO	198810	199012
093	0036	ANTIMONY (PM10)	PEGASUS BEAL MOUNTAIN MINE #6		SILVER BOW CO	199101	199303
093	0036	ARSENIC (PM10)	PEGASUS BEAL MOUNTAIN MINE #6		SILVER BOW CO	199101	199303
093	0036	CHROMIUM (PM10)	PEGASUS BEAL MOUNTAIN MINE #6		SILVER BOW CO	199101	199303
093	0036	LEAD (PM10)	PEGASUS BEAL MOUNTAIN MINE #6		SILVER BOW CO	199101	199303
093	0036	ZINC (PM10)	PEGASUS BEAL MOUNTAIN MINE #6		SILVER BOW CO	199101	199303
093	0037	PM10	BEAL MOUNTAIN, OFFICE SITE #7		SILVER BOW CO	199004	199106
093	0037	ANTIMONY (PM10)	BEAL MOUNTAIN, OFFICE SITE #7		SILVER BOW CO	199101	199106
093	0037	ARSENIC (PM10)	BEAL MOUNTAIN, OFFICE SITE #7		SILVER BOW CO	199101	199106
093	0037	CHROMIUM (PM10)	BEAL MOUNTAIN, OFFICE SITE #7		SILVER BOW CO	199101	199106
093	0037	LEAD (PM10)	BEAL MOUNTAIN, OFFICE SITE #7		SILVER BOW CO	199101	199106
093	0037	ZINC (PM10)	BEAL MOUNTAIN, OFFICE SITE #7		SILVER BOW CO	199101	199106
093	0038	PM10	BEAL MOUNTAIN-CRUSHER UPWIND #8		SILVER BOW CO	199106	
093	0038	ANTIMONY (PM10)	BEAL MOUNTAIN-CRUSHER UPWIND #8		SILVER BOW CO	199106	199303
093	0038	ARSENIC (PM10)	BEAL MOUNTAIN-CRUSHER UPWIND #8		SILVER BOW CO	199106	199303
093	0038	CHROMIUM (PM10)	BEAL MOUNTAIN-CRUSHER UPWIND #8		SILVER BOW CO	199106	199303
093	0038	LEAD (PM10)	BEAL MOUNTAIN-CRUSHER UPWIND #8		SILVER BOW CO	199106	199303
093	0038	ZINC (PM10)	BEAL MOUNTAIN-CRUSHER UPWIND #8		SILVER BOW CO	199106	199303
093	0041	TSP	MONTANA RESOURCES-ALPINE, HAYS STREET	BUTTE-SILVER BOW	SILVER BOW CO	198401	199112
093	0041	ARSENIC (TSP)	MONTANA RESOURCES-ALPINE, HAYS STREET	BUTTE-SILVER BOW	SILVER BOW CO	198401	199112
093	0041	CADMIUM (TSP)	MONTANA RESOURCES-ALPINE, HAYS STREET	BUTTE-SILVER BOW	SILVER BOW CO	198401	199112
093	0041	COPPER (TSP)	MONTANA RESOURCES-ALPINE, HAYS STREET	BUTTE-SILVER BOW	SILVER BOW CO	198401	199112
093	0041	IRON (TSP)	MONTANA RESOURCES-ALPINE, HAYS STREET	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0041	LEAD (TSP)	MONTANA RESOURCES-ALPINE, HAYS STREET	BUTTE-SILVER BOW	SILVER BOW CO	198401	199112
093	0041	MOLYBDENUM (TSP)	MONTANA RESOURCES-ALPINE, HAYS STREET	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0041	ZINC (TSP)	MONTANA RESOURCES-ALPINE, HAYS STREET	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0041	TOTAL DUSTFALL	MONTANA RESOURCES-ALPINE, HAYS STREET	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0041	WIND SPEED	MONTANA RESOURCES-ALPINE, HAYS STREET	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0041	WIND DIRECTION	MONTANA RESOURCES-ALPINE, HAYS STREET	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0041	PM10	MONTANA RESOURCES-ALPINE, HAYS STREET	BUTTE-SILVER BOW	SILVER BOW CO	199110	
093	0041	COPPER (PM10)	MONTANA RESOURCES-ALPINE, HAYS STREET	BUTTE-SILVER BOW	SILVER BOW CO	199110	
093	0041	LEAD (PM10)	MONTANA RESOURCES-ALPINE, HAYS STREET	BUTTE-SILVER BOW	SILVER BOW CO	199110	
093	0042	TSP	MONTANA RESOURCES-HILLCREST,HOUSING DIST	BUTTE-SILVER BOW	SILVER BOW CO	198401	199112
093	0042	ARSENIC (TSP)	MONTANA RESOURCES-HILLCREST,HOUSING DIST	BUTTE-SILVER BOW	SILVER BOW CO	198401	199112
093	0042	CADMIUM (TSP)	MONTANA RESOURCES-HILLCREST,HOUSING DIST	BUTTE-SILVER BOW	SILVER BOW CO	198401	199112
093	0042	COPPER (TSP)	MONTANA RESOURCES-HILLCREST,HOUSING DIST	BUTTE-SILVER BOW	SILVER BOW CO	198401	199112
093	0042	IRON (TSP)	MONTANA RESOURCES-HILLCREST,HOUSING DIST	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0042	LEAD (TSP)	MONTANA RESOURCES-HILLCREST,HOUSING DIST	BUTTE-SILVER BOW	SILVER BOW CO	198401	199112
093	0042	MOLYBDENUM (TSP)	MONTANA RESOURCES-HILLCREST,HOUSING DIST	BUTTE-SILVER BOW	SILVER BOW CO	198501	198512
093	0042	ZINC (TSP)	MONTANA RESOURCES-HILLCREST,HOUSING DIST	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0042	TOTAL DUSTFALL	MONTANA RESOURCES-HILLCREST,HOUSING DIST	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0042	WIND SPEED	MONTANA RESOURCES-HILLCREST,HOUSING DIST	BUTTE-SILVER BOW	SILVER BOW CO	198401	198412
093	0042	WIND DIRECTION	MONTANA RESOURCES-HILLCREST,HOUSING DIST	BUTTE-SILVER BOW	SILVER BOW CO	198401	198412

SITE NUMBER		PARAMETER	SITE ADDRESS		COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
093	0042	PM10	MONTANA RESOURCES-HILLCREST,HOUSING DIST	BUTTE-SILVER BOW	SILVER BOW CO	199110	
093	0042	COPPER (PM10)	MONTANA RESOURCES-HILLCREST,HOUSING DIST	BUTTE-SILVER BOW	SILVER BOW CO	199110	
093	0042	LEAD (PM10)	MONTANA RESOURCES-HILLCREST,HOUSING DIST	BUTTE-SILVER BOW	SILVER BOW CO	199110	
093	0043	TSP	MONTANA RESOURCES-BELMONT, 500 E MERCURY	BUTTE-SILVER BOW	SILVER BOW CO	198401	199112
093	0043	ARSENIC (TSP)	MONTANA RESOURCES-BELMONT, 500 E MERCURY	BUTTE-SILVER BOW	SILVER BOW CO	198401	199112
093	0043	CADMIUM (TSP)	MONTANA RESOURCES-BELMONT, 500 E MERCURY	BUTTE-SILVER BOW	SILVER BOW CO	198401	199112
093	0043	COPPER (TSP)	MONTANA RESOURCES-BELMONT, 500 E MERCURY	BUTTE-SILVER BOW	SILVER BOW CO	198401	199112
093	0043	IRON (TSP)	MONTANA RESOURCES-BELMONT, 500 E MERCURY	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0043	LEAD (TSP)	MONTANA RESOURCES-BELMONT, 500 E MERCURY	BUTTE-SILVER BOW	SILVER BOW CO	198401	199112
093	0043	MOLYBDENUM (TSP)	MONTANA RESOURCES-BELMONT, 500 E MERCURY	BUTTE-SILVER BOW	SILVER BOW CO	198501	198512
093	0043	ZINC (TSP)	MONTANA RESOURCES-BELMONT, 500 E MERCURY	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0043	TOTAL DUSTFALL	MONTANA RESOURCES-BELMONT, 500 E MERCURY	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0043	PM10	MONTANA RESOURCES-BELMONT, 500 E MERCURY	BUTTE-SILVER BOW	SILVER BOW CO	199110	
093	0043	COPPER (PM10)	MONTANA RESOURCES-BELMONT, 500 E MERCURY	BUTTE-SILVER BOW	SILVER BOW CO	199110	
093	0043	LEAD (PM10)	MONTANA RESOURCES-BELMONT, 500 E MERCURY	BUTTE-SILVER BOW	SILVER BOW CO	199110	
093	0044	WIND SPEED	MONTANA RESOURCES-GUARD SHACK, BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	199007	
093	0044	WIND DIRECTION	MONTANA RESOURCES-GUARD SHACK, BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	199007	
093	0044	STD DEV HZ WND DIR	MONTANA RESOURCES-GUARD SHACK, BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	199007	
093	0044	TEMPERATURE	MONTANA RESOURCES-GUARD SHACK, BUTTE	BUTTE-SILVER BOW	SILVER BOW CO	199007	
093	0045	TSP	ANACONDA MINERALS-YATES,2411 LOCUST	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0045	ARSENIC (TSP)	ANACONDA MINERALS-YATES,2411 LOCUST	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0045	CADMIUM (TSP)	ANACONDA MINERALS-YATES,2411 LOCUST	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0045	COPPER (TSP)	ANACONDA MINERALS-YATES,2411 LOCUST	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0045	IRON (TSP)	ANACONDA MINERALS-YATES,2411 LOCUST	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0045	LEAD (TSP)	ANACONDA MINERALS-YATES,2411 LOCUST	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0045	MOLYBDENUM (TSP)	ANACONDA MINERALS-YATES,2411 LOCUST	BUTTE-SILVER BOW	SILVER BOW CO	198501	198512
093	0045	ZINC (TSP)	ANACONDA MINERALS-YATES,2411 LOCUST	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0046	TSP	ANACONDA MINERALS-KAW AVE,GEORGE ST&MONT	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0046	ARSENIC (TSP)	ANACONDA MINERALS-KAW AVE,GEORGE ST&MONT	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0046	CADMIUM (TSP)	ANACONDA MINERALS-KAW AVE,GEORGE ST&MONT	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0046	COPPER (TSP)	ANACONDA MINERALS-KAW AVE,GEORGE ST&MONT	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0046	IRON (TSP)	ANACONDA MINERALS-KAW AVE,GEORGE ST&MONT	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0046	LEAD (TSP)	ANACONDA MINERALS-KAW AVE,GEORGE ST&MONT	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0046	MOLYBDENUM (TSP)	ANACONDA MINERALS-KAW AVE,GEORGE ST&MONT	BUTTE-SILVER BOW	SILVER BOW CO	198501	198512
093	0046	ZINC (TSP)	ANACONDA MINERALS-KAW AVE,GEORGE ST&MONT	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0046	TOTAL DUSTFALL	ANACONDA MINERALS-KAW AVE,GEORGE ST&MONT	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0046	WIND SPEED	ANACONDA MINERALS-KAW AVE,GEORGE ST&MONT	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0046	WIND DIRECTION	ANACONDA MINERALS-KAW AVE,GEORGE ST&MONT	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0047	TSP	ANACONDA MINERALS-LEXINGTON AVE,N MAIN	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0047	ARSENIC (TSP)	ANACONDA MINERALS-LEXINGTON AVE,N MAIN	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0047	CADMIUM (TSP)	ANACONDA MINERALS-LEXINGTON AVE,N MAIN	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0047	COPPER (TSP)	ANACONDA MINERALS-LEXINGTON AVE,N MAIN	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0047	IRON (TSP)	ANACONDA MINERALS-LEXINGTON AVE,N MAIN	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0047	LEAD (TSP)	ANACONDA MINERALS-LEXINGTON AVE,N MAIN	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0047	MOLYBDENUM (TSP)	ANACONDA MINERALS-LEXINGTON AVE,N MAIN	BUTTE-SILVER BOW	SILVER BOW CO	198501	198512
093	0047	ZINC (TSP)	ANACONDA MINERALS-LEXINGTON AVE,N MAIN	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093	0048	TSP	ANACONDA MINERALS-BARREL POND,CONC YARD	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512

SITE NUMBER	PARAMETER	SITE ADDRESS		COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
093 0048	ARSENIC (TSP)	ANACONDA MINERALS-BARREL POND,CONC YARD	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093 0048	CADMIUM (TSP)	ANACONDA MINERALS-BARREL POND,CONC YARD	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093 0048	COPPER (TSP)	ANACONDA MINERALS-BARREL POND,CONC YARD	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093 0048	IRON (TSP)	ANACONDA MINERALS-BARREL POND,CONC YARD	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093 0048	LEAD (TSP)	ANACONDA MINERALS-BARREL POND,CONC YARD	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093 0048	MOLYBDENUM (TSP)	ANACONDA MINERALS-BARREL POND,CONC YARD	BUTTE-SILVER BOW	SILVER BOW CO	198501	198512
093 0048	ZINC (TSP)	ANACONDA MINERALS-BARREL POND,CONC YARD	BUTTE-SILVER BOW	SILVER BOW CO	198401	198512
093 0049	TSP	MONTANA RESOURCES-COLUMBIA GARDENS	BUTTE-SILVER BOW	SILVER BOW CO	198701	199112
093 0049	ARSENIC (TSP)	MONTANA RESOURCES-COLUMBIA GARDENS	BUTTE-SILVER BOW	SILVER BOW CO	198701	199112
093 0049	CADMIUM (TSP)	MONTANA RESOURCES-COLUMBIA GARDENS	BUTTE-SILVER BOW	SILVER BOW CO	198701	199112
093 0049	COPPER (TSP)	MONTANA RESOURCES-COLUMBIA GARDENS	BUTTE-SILVER BOW	SILVER BOW CO	198701	199112
093 0049	LEAD (TSP)	MONTANA RESOURCES-COLUMBIA GARDENS	BUTTE-SILVER BOW	SILVER BOW CO	198701	199112
093 0050	TSP	MONTANA RESOURCES-BARGE STATION	BUTTE-SILVER BOW	SILVER BOW CO	198612	199112
093 0050	ARSENIC (TSP)	MONTANA RESOURCES-BARGE STATION	BUTTE-SILVER BOW	SILVER BOW CO	198612	199112
093 0050	CADMIUM (TSP)	MONTANA RESOURCES-BARGE STATION	BUTTE-SILVER BOW	SILVER BOW CO	198612	199112
093 0050	COPPER (TSP)	MONTANA RESOURCES-BARGE STATION	BUTTE-SILVER BOW	SILVER BOW CO	198612	199112
093 0050	LEAD (TSP)	MONTANA RESOURCES-BARGE STATION	BUTTE-SILVER BOW	SILVER BOW CO	198612	199112
093 0906	SULFUR DIOXIDE	VORTAC		SILVER BOW CO	197301	197312
093 0906	SULFUR DIOXIDE	VORTAC		SILVER BOW CO	197301	197512
093 1007	TSP	RAMSAY SCHOOL (RAMSAY)		SILVER BOW CO	197101	197212
093 1007	BENZENE SOL ORG (TSP)	RAMSAY SCHOOL (RAMSAY)		SILVER BOW CO	197101	197212
093 1007	ARSENIC (TSP)	RAMSAY SCHOOL (RAMSAY)		SILVER BOW CO	197101	197212
093 1007	CADMIUM (TSP)	RAMSAY SCHOOL (RAMSAY)		SILVER BOW CO	197101	197212
093 1007	LEAD (TSP)	RAMSAY SCHOOL (RAMSAY)		SILVER BOW CO	197101	197212
093 1007	ZINC (TSP)	RAMSAY SCHOOL (RAMSAY)		SILVER BOW CO	197101	197212
093 1007	FLUORIDE (TSP)	RAMSAY SCHOOL (RAMSAY)		SILVER BOW CO	197101	197112
093 1007	SULFATE (TSP)	RAMSAY SCHOOL (RAMSAY)		SILVER BOW CO	197101	197112
093 1014	TSP	COLUMBIA GARDENS		SILVER BOW CO	197401	197512
093 1015	TSP	TIERNEY RESIDENCE, RAMSAY		SILVER BOW CO	197501	198112
093 1015	NITRATE (TSP)	TIERNEY RESIDENCE, RAMSAY		SILVER BOW CO	197901	198012
093 1015	SULFATE (TSP)	TIERNEY RESIDENCE, RAMSAY		SILVER BOW CO	197901	197912
093 1018	FLUORIDE (TSP)	RHONE-POULENC,#1 UELAND,1.5 MI SE RAMSAY		SILVER BOW CO	198211	
093 1019	FLUORIDE (TSP)	RHONE-POULENC,#2 UELAND,2.5 MI SE RAMSAY		SILVER BOW CO	198211	
093 1020	FLUORIDE (TSP)	RHONE-POULENC,#3 UELAND,1.25 M SW RAMSAY		SILVER BOW CO	198211	
093 1023	FLUORIDE (TSP)	RHONE-POULENC,#6 HILDERMAN,.25 M W RAMSY		SILVER BOW CO	198211	
093 1024	FLUORIDE (TSP)	RHONE-POULENC,#7 TAMIETTI,1 MI NW RAMSAY		SILVER BOW CO	198505	
093 1027	FLUORIDE (TSP)	RHONE-POULENC,#13 UELAND,2 MI SW RAMSAY		SILVER BOW CO	198301	
093 1029	FLUORIDE (TSP)	RHONE-POULENC,#16 CRADDOCK,4.5 M NW RMSY		SILVER BOW CO	198301	
093 1030	FLUORIDE (TSP)	RHONE-POULENC,#17 ERICKSONS HAY PASTURE		SILVER BOW CO	198505	
095 0001	PM10	STILLWATER MINE UPWIND #1, NYE		STILLWATER CO	198806	
095 0002	TSP	STILLWATER MINE DOWNWIND SITE #2		STILLWATER CO	198806	199102
095 0002	CHROMIUM (TSP)	STILLWATER MINE DOWNWIND SITE #2		STILLWATER CO	199001	199012
095 0002	LEAD (TSP)	STILLWATER MINE DOWNWIND SITE #2		STILLWATER CO	199001	199012
095 0002	PM10	STILLWATER MINE DOWNWIND SITE #2		STILLWATER CO	198806	
095 0002	ARSENIC (PM10)	STILLWATER MINE DOWNWIND SITE #2		STILLWATER CO	199101	
095 0002	CADMIUM (PM10)	STILLWATER MINE DOWNWIND SITE #2		STILLWATER CO	199101	199212
095 0002	CHROMIUM (PM10)	STILLWATER MINE DOWNWIND SITE #2		STILLWATER CO	199101	

SITE NUMBER		PARAMETER	SITE ADDRESS		COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
095	0002	LEAD (PM10)	STILLWATER MINE DOWNWIND SITE #2		STILLWATER CO	199101	
095	0002	ZINC (PM10)	STILLWATER MINE DOWNWIND SITE #2		STILLWATER CO	199101	
095	0003	WIND SPEED	STILLWATER MINE MET STATION, NYE		STILLWATER CO	198801	
095	0003	WIND DIRECTION	STILLWATER MINE MET STATION, NYE		STILLWATER CO	198801	
095	0003	STD DEV HZ WND DIR	STILLWATER MINE MET STATION, NYE		STILLWATER CO	199003	
095	0003	TEMPERATURE	STILLWATER MINE MET STATION, NYE		STILLWATER CO	199003	
095	0004	WIND SPEED	STILLWATER SMELTER MET STATION,COLUMBUS		STILLWATER CO	199005	199303
095	0004	WIND DIRECTION	STILLWATER SMELTER MET STATION,COLUMBUS		STILLWATER CO	199005	199303
095	0004	STD DEV HZ WND DIR	STILLWATER SMELTER MET STATION,COLUMBUS		STILLWATER CO	199005	199303
095	0004	TEMPERATURE	STILLWATER SMELTER MET STATION,COLUMBUS		STILLWATER CO	199005	199303
097	0005	WIND SPEED	STILLWATER PGM, EAST BOULDER MINE		SWEET GRASS CO	198811	
097	0005	WIND DIRECTION	STILLWATER PGM, EAST BOULDER MINE		SWEET GRASS CO	198811	
097	0005	STD DEV HZ WND DIR	STILLWATER PGM, EAST BOULDER MINE		SWEET GRASS CO	199006	
097	0005	TEMPERATURE	STILLWATER PGM, EAST BOULDER MINE		SWEET GRASS CO	199006	
097	0005	PM10	STILLWATER PGM, EAST BOULDER MINE		SWEET GRASS CO	198811	199105
097	0005	ARSENIC (PM10)	STILLWATER PGM, EAST BOULDER MINE		SWEET GRASS CO	198811	199105
097	0005	CADMIUM (PM10)	STILLWATER PGM, EAST BOULDER MINE		SWEET GRASS CO	198811	199105
097	0005	CHROMIUM (PM10)	STILLWATER PGM, EAST BOULDER MINE		SWEET GRASS CO	198811	199105
097	0005	COPPER (PM10)	STILLWATER PGM, EAST BOULDER MINE		SWEET GRASS CO	198811	199105
097	0005	LEAD (PM10)	STILLWATER PGM, EAST BOULDER MINE		SWEET GRASS CO	198811	199105
099	0004	TSP	CIRCLE8 RANCH BOX 729 CHOTEAU MT 59422		TETON CO	198501	198512
099	0004	SULFATION RATE	CIRCLE8 RANCH BOX 729 CHOTEAU MT 59422		TETON CO	198504	198512
101	0008	SULFATION RATE	ANABELLE SHEETS BOX 428 OILMONT MT 59466		TOOLE CO	198501	198712
105	0001	SULFATION RATE	BOX 506 POPLAR MT 59255		VALLEY CO	198301	198412
105	0002	TSP	LUSTRE, MT SEC 4 T3 ON R44E		VALLEY CO	198501	198712
105	0002	NITRATE (TSP)	LUSTRE, MT SEC 4 T3 ON R44E		VALLEY CO	198501	198712
105	0002	SULFATE (TSP)	LUSTRE, MT SEC 4 T3 ON R44E		VALLEY CO	198501	198712
105	0002	SULFATION RATE	LUSTRE, MT SEC 4 T3 ON R44E		VALLEY CO	198501	198712
105	0002	WIND SPEED	LUSTRE, MT SEC 4 T3 ON R44E		VALLEY CO	198703	198712
105	0002	WIND DIRECTION	LUSTRE, MT SEC 4 T3 ON R44E		VALLEY CO	198703	198712
105	0002	TEMPERATURE	LUSTRE, MT SEC 4 T3 ON R44E		VALLEY CO	198701	198712
111	0001	SULFATION RATE	214 PUEBLO ST. BILLINGS MT	BILLINGS	YELLOWSTONE CO	198401	198612
111	0003	SULFATION RATE	113 BITTERROOT DR, BILLINGS, MT	BILLINGS	YELLOWSTONE CO	198201	199012
111	0004	SULFATION RATE	114 JOHNSON LANE	BILLINGS	YELLOWSTONE CO	198201	199012
111	0005	TSP	FAIRGROUNDS COMPLEX	BILLINGS	YELLOWSTONE CO	197101	197412
111	0005	BENZENE SOL ORG (TSP)	FAIRGROUNDS COMPLEX	BILLINGS	YELLOWSTONE CO	197101	197112
111	0005	CADMIUM (TSP)	FAIRGROUNDS COMPLEX	BILLINGS	YELLOWSTONE CO	197101	197112
111	0005	LEAD (TSP)	FAIRGROUNDS COMPLEX	BILLINGS	YELLOWSTONE CO	197101	197112
111	0005	ZINC (TSP)	FAIRGROUNDS COMPLEX	BILLINGS	YELLOWSTONE CO	197101	197112
111	0006	TSP	LOCKWOOD SCHOOL, HARDIN RD,3/4 MI E BLGS	BILLINGS	YELLOWSTONE CO	197101	198312
111	0006	ALUMINUM (TSP)	LOCKWOOD SCHOOL, HARDIN RD,3/4 MI E BLGS	BILLINGS	YELLOWSTONE CO	197801	197812
111	0006	ARSENIC (TSP)	LOCKWOOD SCHOOL, HARDIN RD,3/4 MI E BLGS	BILLINGS	YELLOWSTONE CO	197801	198012
111	0006	CADMIUM (TSP)	LOCKWOOD SCHOOL, HARDIN RD,3/4 MI E BLGS	BILLINGS	YELLOWSTONE CO	197804	198012
111	0006	CHROMIUM (TSP)	LOCKWOOD SCHOOL, HARDIN RD,3/4 MI E BLGS	BILLINGS	YELLOWSTONE CO	197901	198012
111	0006	COPPER (TSP)	LOCKWOOD SCHOOL, HARDIN RD,3/4 MI E BLGS	BILLINGS	YELLOWSTONE CO	197803	198012
111	0006	IRON (TSP)	LOCKWOOD SCHOOL, HARDIN RD,3/4 MI E BLGS	BILLINGS	YELLOWSTONE CO	197801	197812
111	0006	LEAD (TSP)	LOCKWOOD SCHOOL, HARDIN RD,3/4 MI E BLGS	BILLINGS	YELLOWSTONE CO	197801	198012

SITE NUMBER		PARAMETER	SITE ADDRESS		COUNTY	DATE SAMPLING BEGAN	DATE SAMPLING ENDED
111	0006	MANGANESE (TSP)	LOCKWOOD SCHOOL, HARDIN RD,3/4 MI E BLGS	BILLINGS	YELLOWSTONE CO	197901	198012
111	0006	NICKEL (TSP)	LOCKWOOD SCHOOL, HARDIN RD,3/4 MI E BLGS	BILLINGS	YELLOWSTONE CO	197901	198012
111	0006	VANADIUM (TSP)	LOCKWOOD SCHOOL, HARDIN RD,3/4 MI E BLGS	BILLINGS	YELLOWSTONE CO	197901	198012
111	0006	ZINC (TSP)	LOCKWOOD SCHOOL, HARDIN RD,3/4 MI E BLGS	BILLINGS	YELLOWSTONE CO	197801	197812
111	0006	NITRATE (TSP)	LOCKWOOD SCHOOL, HARDIN RD,3/4 MI E BLGS	BILLINGS	YELLOWSTONE CO	197601	197612
111	0006	NITRATE (TSP)	LOCKWOOD SCHOOL, HARDIN RD,3/4 MI E BLGS	BILLINGS	YELLOWSTONE CO	197601	197712
111	0006	NITRATE (TSP)	LOCKWOOD SCHOOL, HARDIN RD,3/4 MI E BLGS	BILLINGS	YELLOWSTONE CO	197901	198012
111	0006	SULFATE (TSP)	LOCKWOOD SCHOOL, HARDIN RD,3/4 MI E BLGS	BILLINGS	YELLOWSTONE CO	197601	197712
111	0006	SULFATE (TSP)	LOCKWOOD SCHOOL, HARDIN RD,3/4 MI E BLGS	BILLINGS	YELLOWSTONE CO	197901	198012
111	0006	SULFUR DIOXIDE	LOCKWOOD SCHOOL, HARDIN RD,3/4 MI E BLGS	BILLINGS	YELLOWSTONE CO	197501	198112
111	0006	SULFATION RATE	LOCKWOOD SCHOOL, HARDIN RD,3/4 MI E BLGS	BILLINGS	YELLOWSTONE CO	197801	199012
111	0006	NITROGEN DIOXIDE	LOCKWOOD SCHOOL, HARDIN RD,3/4 MI E BLGS	BILLINGS	YELLOWSTONE CO	197901	198112
111	0006	WIND SPEED	LOCKWOOD SCHOOL, HARDIN RD,3/4 MI E BLGS	BILLINGS	YELLOWSTONE CO	197901	198012
111	0006	WIND DIRECTION	LOCKWOOD SCHOOL, HARDIN RD,3/4 MI E BLGS	BILLINGS	YELLOWSTONE CO	197901	198012
111	0007	TSP	KGHL STATION,3-3/4 MI W BLGS ON HIWAY 10	BILLINGS	YELLOWSTONE CO	197101	198212
111	0007	BENZENE SOL ORG (TSP)	KGHL STATION,3-3/4 MI W BLGS ON HIWAY 10	BILLINGS	YELLOWSTONE CO	197101	197112
111	0007	ARSENIC (TSP)	KGHL STATION,3-3/4 MI W BLGS ON HIWAY 10	BILLINGS	YELLOWSTONE CO	197101	197112
111	0007	CADMIUM (TSP)	KGHL STATION,3-3/4 MI W BLGS ON HIWAY 10	BILLINGS	YELLOWSTONE CO	197101	197112
111	0007	LEAD (TSP)	KGHL STATION,3-3/4 MI W BLGS ON HIWAY 10	BILLINGS	YELLOWSTONE CO	197101	197112
111	0007	ZINC (TSP)	KGHL STATION,3-3/4 MI W BLGS ON HIWAY 10	BILLINGS	YELLOWSTONE CO	197101	197112
111	0007	SULFATION RATE	KGHL STATION,3-3/4 MI W BLGS ON HIWAY 10	BILLINGS	YELLOWSTONE CO	197801	199012
111	0008	TSP	CITY HALL, 73RD AVE N & 27TH ST	BILLINGS	YELLOWSTONE CO	197101	199112
111	0008	TSP	CITY HALL, 73RD AVE N & 27TH ST	BILLINGS	YELLOWSTONE CO	198101	199012
111	0008	BENZENE SOL ORG (TSP)	CITY HALL, 73RD AVE N & 27TH ST	BILLINGS	YELLOWSTONE CO	197101	197112
111	0008	ALUMINUM (TSP)	CITY HALL, 73RD AVE N & 27TH ST	BILLINGS	YELLOWSTONE CO	197801	197812
111	0008	ARSENIC (TSP)	CITY HALL, 73RD AVE N & 27TH ST	BILLINGS	YELLOWSTONE CO	197801	197812
111	0008	CADMIUM (TSP)	CITY HALL, 73RD AVE N & 27TH ST	BILLINGS	YELLOWSTONE CO	197101	197812
111	0008	COPPER (TSP)	CITY HALL, 73RD AVE N & 27TH ST	BILLINGS	YELLOWSTONE CO	197801	197812
111	0008	IRON (TSP)	CITY HALL, 73RD AVE N & 27TH ST	BILLINGS	YELLOWSTONE CO	197801	197812
111	0008	LEAD (TSP)	CITY HALL, 73RD AVE N & 27TH ST	BILLINGS	YELLOWSTONE CO	197101	197812
111	0008	ZINC (TSP)	CITY HALL, 73RD AVE N & 27TH ST	BILLINGS	YELLOWSTONE CO	197101	197812
111	0008	SULFATION RATE	CITY HALL, 73RD AVE N & 27TH ST	BILLINGS	YELLOWSTONE CO	197801	199012
111	0009	TSP	GRAND AVE SCHOOL, 1320 GRAND AVE	BILLINGS	YELLOWSTONE CO	197101	198512
111	0009	ALUMINUM (TSP)	GRAND AVE SCHOOL, 1320 GRAND AVE	BILLINGS	YELLOWSTONE CO	197801	197812
111	0009	ARSENIC (TSP)	GRAND AVE SCHOOL, 1320 GRAND AVE	BILLINGS	YELLOWSTONE CO	197801	197812
111	0009	COPPER (TSP)	GRAND AVE SCHOOL, 1320 GRAND AVE	BILLINGS	YELLOWSTONE CO	197801	197812
111	0009	IRON (TSP)	GRAND AVE SCHOOL, 1320 GRAND AVE	BILLINGS	YELLOWSTONE CO	197801	197812
111	0009	LEAD (TSP)	GRAND AVE SCHOOL, 1320 GRAND AVE	BILLINGS	YELLOWSTONE CO	197801	197812
111	0009	ZINC (TSP)	GRAND AVE SCHOOL, 1320 GRAND AVE	BILLINGS	YELLOWSTONE CO	197801	197812
111	0009	SULFATION RATE	GRAND AVE SCHOOL, 1320 GRAND AVE	BILLINGS	YELLOWSTONE CO	197901	198512
111	0010	SULFATION RATE	GARDEN AVE BILLINGS, MT	BILLINGS	YELLOWSTONE CO	198201	198612
111	0011	SULFATION RATE	33 AND 2ND AVE N. BILLINGS, MT	BILLINGS	YELLOWSTONE CO	198201	198612
111	0013	SULFATION RATE	WEST COOP,LAUREL	LAUREL	YELLOWSTONE CO	198101	199012
111	0014	SULFATION RATE	MTN VIEW BLVD BILLINGS, MT	BILLINGS	YELLOWSTONE CO	198201	198612
111	0015	SULFUR DIOXIDE	LAUREL BN, EAST RAILROAD ST	LAUREL	YELLOWSTONE CO	198101	198212
111	0015	WIND SPEED	LAUREL BN, EAST RAILROAD ST	LAUREL	YELLOWSTONE CO	198101	198212
111	0015	WIND DIRECTION	LAUREL BN, EAST RAILROAD ST	LAUREL	YELLOWSTONE CO	198101	198212

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111	0015	TEMPERATURE	LAUREL BN, EAST RAILROAD ST	LAUREL	YELLOWSTONE CO	198101	198212
111	0016	SULFUR DIOXIDE	BLAQTC - LAUREL, 1/2 MI E OF CENEX	LAUREL	YELLOWSTONE CO	198711	
111	0016	SO2 MAX 5-MIN AVE	BLAQTC - LAUREL, 1/2 MI E OF CENEX	LAUREL	YELLOWSTONE CO	199009	
111	0016	WIND SPEED	BLAQTC - LAUREL, 1/2 MI E OF CENEX	LAUREL	YELLOWSTONE CO	198711	
111	0016	WIND DIRECTION	BLAQTC - LAUREL, 1/2 MI E OF CENEX	LAUREL	YELLOWSTONE CO	198711	
111	0016	STD DEV HZ WND DIR	BLAQTC - LAUREL, 1/2 MI E OF CENEX	LAUREL	YELLOWSTONE CO	198711	
111	0016	ATMOSPHERIC STABILITY	BLAQTC - LAUREL, 1/2 MI E OF CENEX	LAUREL	YELLOWSTONE CO	198711	
111	0016	TEMPERATURE	BLAQTC - LAUREL, 1/2 MI E OF CENEX	LAUREL	YELLOWSTONE CO	198711	
111	0017	SULFATION RATE	1200 MINNESOTA AVE	BILLINGS	YELLOWSTONE CO	198201	199012
111	0018	SULFATION RATE	5TH AND SOUTH 28TH BILLINGS MT	BILLINGS	YELLOWSTONE CO	198201	199012
111	0019	SULFATION RATE	SOUTH 27TH & 11TH AVE S., BILLINGS	BILLINGS	YELLOWSTONE CO	198201	199012
111	0021	SULFATION RATE	EAST OF CONOCO REFINERY,FONTAGE ROAD	BILLINGS	YELLOWSTONE CO	198201	198612
111	0022	SULFATION RATE	TWO MOON PARK FRONTAGE ROAD	BILLINGS	YELLOWSTONE CO	198201	198612
111	0025	SULFATION RATE	STATE ST & 3RD SOUTH, BILLINGS	BILLINGS	YELLOWSTONE CO	198401	198612
111	0027	SULFATION RATE	NEWMAN SCHOOL BILLINGS MT	BILLINGS	YELLOWSTONE CO	198201	198612
111	0028	SULFATION RATE	BENCH SCHOOL MILTON ROAD	BILLINGS	YELLOWSTONE CO	198201	198612
111	0032	SULFATION RATE	KLENCK LANE BILLINGS MT	BILLINGS	YELLOWSTONE CO	198201	198612
111	0034	SULFATION RATE	PICCOLO & W FRONTAGE RD, BILLINGS	BILLINGS	YELLOWSTONE CO	198201	199012
111	0035	SULFUR DIOXIDE	HI-BALL TRUCKING, BILLINGS	BILLINGS	YELLOWSTONE CO	197401	197512
111	0037	SULFATION RATE	JOHNSON AND LOCKWOOD BILLINGS, MT	BILLINGS	YELLOWSTONE CO	198201	198612
111	0038	SULFATION RATE	JOHNSON RD NORTH BILLINGS, MT	BILLINGS	YELLOWSTONE CO	198201	199012
111	0043	SULFATION RATE	WOODLAND DRIVE, BILLINGS	BILLINGS	YELLOWSTONE CO	198201	198312
111	0044	SULFATION RATE	COBURN ROAD BILLINGS, MT	BILLINGS	YELLOWSTONE CO	198201	198312
111	0047	TSP	LAB-SEWAGE TREATMENT PLANT	BILLINGS	YELLOWSTONE CO	197101	197212
111	0049	TSP	LAB-WATER TREATMENT PLANT	BILLINGS	YELLOWSTONE CO	197201	197212
111	0052	CARBON MONOXIDE	DIVISION AND GRAND	BILLINGS	YELLOWSTONE CO	197501	197512
111	0052	SULFUR DIOXIDE	DIVISION AND GRAND	BILLINGS	YELLOWSTONE CO	197501	197512
111	0052	NITROGEN DIOXIDE	DIVISION AND GRAND	BILLINGS	YELLOWSTONE CO	197401	197512
111	0052	NITROGEN DIOXIDE	DIVISION AND GRAND	BILLINGS	YELLOWSTONE CO	197501	197512
111	0052	OZONE	DIVISION AND GRAND	BILLINGS	YELLOWSTONE CO	197401	197512
111	0053	CARBON MONOXIDE	27TH AND MONTANA	BILLINGS	YELLOWSTONE CO	197501	197812
111	0053	SULFUR DIOXIDE	27TH AND MONTANA	BILLINGS	YELLOWSTONE CO	197501	197812
111	0053	NITROGEN DIOXIDE	27TH AND MONTANA	BILLINGS	YELLOWSTONE CO	197501	197812
111	0053	TOTAL HYDROCARBONS	27TH AND MONTANA	BILLINGS	YELLOWSTONE CO	197601	197812
111	0053	NONMETH ORGANIC COMP	27TH AND MONTANA	BILLINGS	YELLOWSTONE CO	197501	197812
111	0053	OZONE	27TH AND MONTANA	BILLINGS	YELLOWSTONE CO	197501	197812
111	0054	CARBON MONOXIDE	11TH & SO 27TH, N OF GREAT WESTERN	BILLINGS	YELLOWSTONE CO	197501	197612
111	0054	TOTAL HYDROCARBONS	11TH & SO 27TH, N OF GREAT WESTERN	BILLINGS	YELLOWSTONE CO	197601	197612
111	0054	NONMETH ORGANIC COMP	11TH & SO 27TH, N OF GREAT WESTERN	BILLINGS	YELLOWSTONE CO	197601	197612
111	0059	TSP	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	197812
111	0059	TSP	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	198112
111	0059	ALUMINUM (TSP)	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	197812
111	0059	ALUMINUM (TSP)	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	197912
111	0059	ARSENIC (TSP)	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	198012
111	0059	CADMIUM (TSP)	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	197812
111	0059	CADMIUM (TSP)	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	198012
111	0059	CHROMIUM (TSP)	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	198012

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111	0059	COPPER (TSP)	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	197812
111	0059	COPPER (TSP)	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	198012
111	0059	IRON (TSP)	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	197812
111	0059	IRON (TSP)	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	197912
111	0059	LEAD (TSP)	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	197812
111	0059	LEAD (TSP)	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	198012
111	0059	MANGANESE (TSP)	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	197812
111	0059	MANGANESE (TSP)	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	198012
111	0059	NICKEL (TSP)	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	197812
111	0059	NICKEL (TSP)	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	198012
111	0059	VANADIUM (TSP)	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	198012
111	0059	ZINC (TSP)	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	197812
111	0059	ZINC (TSP)	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	197912
111	0059	NITRATE (TSP)	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	198012
111	0059	SULFATE (TSP)	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	197812
111	0059	SULFATE (TSP)	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	198012
111	0059	SULFUR DIOXIDE	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	198112
111	0059	NITRIC OXIDE	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197901	198012
111	0059	NITROGEN DIOXIDE	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	198012
111	0059	OXIDES OF NITROGEN	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197901	198012
111	0059	TOTAL HYDROCARBONS	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	197912
111	0059	OZONE	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197801	198112
111	0059	WIND SPEED	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197901	198012
111	0059	WIND DIRECTION	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197901	198012
111	0059	BAROMETRIC PRESSURE	CENTRAL PARK, BILLINGS	BILLINGS	YELLOWSTONE CO	197901	198012
111	0060	TSP	CENTRAL PARK	BILLINGS	YELLOWSTONE CO	197801	197812
111	0061	CARBON MONOXIDE	METRA PARKING LOT,6TH AVE & EXPO DRIVE	BILLINGS	YELLOWSTONE CO	198001	198603
111	0061	SULFUR DIOXIDE	METRA PARKING LOT,6TH AVE & EXPO DRIVE	BILLINGS	YELLOWSTONE CO	198101	198212
111	0061	SULFATION RATE	METRA PARKING LOT,6TH AVE & EXPO DRIVE	BILLINGS	YELLOWSTONE CO	198401	199012
111	0061	WIND SPEED	METRA PARKING LOT,6TH AVE & EXPO DRIVE	BILLINGS	YELLOWSTONE CO	198001	198612
111	0061	WIND DIRECTION	METRA PARKING LOT,6TH AVE & EXPO DRIVE	BILLINGS	YELLOWSTONE CO	198001	198612
111	0062	TSP	TAFT SCHOOL, 623 S 25TH STREET	BILLINGS	YELLOWSTONE CO	198007	198812
111	0062	TSP	TAFT SCHOOL, 623 S 25TH STREET	BILLINGS	YELLOWSTONE CO	198201	198512
111	0062	SULFUR DIOXIDE	TAFT SCHOOL, 623 S 25TH STREET	BILLINGS	YELLOWSTONE CO	198007	198312
111	0062	WIND SPEED	TAFT SCHOOL, 623 S 25TH STREET	BILLINGS	YELLOWSTONE CO	198001	198312
111	0062	WIND DIRECTION	TAFT SCHOOL, 623 S 25TH STREET	BILLINGS	YELLOWSTONE CO	198001	198312
111	0062	TEMPERATURE	TAFT SCHOOL, 623 S 25TH STREET	BILLINGS	YELLOWSTONE CO	198101	198312
111	0062	BAROMETRIC PRESSURE	TAFT SCHOOL, 623 S 25TH STREET	BILLINGS	YELLOWSTONE CO	198001	198012
111	0063	SULFUR DIOXIDE	SHAWNEE PARK	BILLINGS	YELLOWSTONE CO	198201	198212
111	0063	WIND SPEED	SHAWNEE PARK	BILLINGS	YELLOWSTONE CO	198201	198212
111	0063	WIND DIRECTION	SHAWNEE PARK	BILLINGS	YELLOWSTONE CO	198201	198212
111	0064	SULFUR DIOXIDE	N JOHNSON LANE OLD HARDIN ROAD	BILLINGS	YELLOWSTONE CO	198201	198612
111	0064	WIND SPEED	N JOHNSON LANE OLD HARDIN ROAD	BILLINGS	YELLOWSTONE CO	198301	198612
111	0064	WIND DIRECTION	N JOHNSON LANE OLD HARDIN ROAD	BILLINGS	YELLOWSTONE CO	198301	198612
111	0065	TSP	LOCKWOOD COUNTY PARK	BILLINGS	YELLOWSTONE CO	198301	198712
111	0065	SULFUR DIOXIDE	LOCKWOOD COUNTY PARK	BILLINGS	YELLOWSTONE CO	198109	198712
111	0065	SULFATION RATE	LOCKWOOD COUNTY PARK	BILLINGS	YELLOWSTONE CO	198401	199012

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111	0065	WIND SPEED	LOCKWOOD COUNTY PARK	BILLINGS	YELLOWSTONE CO	198101	198712
111	0065	WIND DIRECTION	LOCKWOOD COUNTY PARK	BILLINGS	YELLOWSTONE CO	198109	198712
111	0065	TEMPERATURE	LOCKWOOD COUNTY PARK	BILLINGS	YELLOWSTONE CO	198101	198712
111	0065	PM10	LOCKWOOD COUNTY PARK	BILLINGS	YELLOWSTONE CO	199012	199103
111	0066	SULFUR DIOXIDE	COBURN ROAD	BILLINGS	YELLOWSTONE CO	198101	
111	0066	SO2 MAX 5-MIN AVE	COBURN ROAD	BILLINGS	YELLOWSTONE CO	198811	
111	0066	SULFATION RATE	COBURN ROAD	BILLINGS	YELLOWSTONE CO	198401	199012
111	0066	WIND SPEED	COBURN ROAD	BILLINGS	YELLOWSTONE CO	198101	
111	0066	WIND DIRECTION	COBURN ROAD	BILLINGS	YELLOWSTONE CO	198101	
111	0066	STD DEV HZ WND DIR	COBURN ROAD	BILLINGS	YELLOWSTONE CO	198101	
111	0066	TEMPERATURE	COBURN ROAD	BILLINGS	YELLOWSTONE CO	198410	
111	0067	TSP	SANDSTONE SCHOOL, 1440 NUTTER BLVD	BILLINGS	YELLOWSTONE CO	198301	198612
111	0067	SULFATION RATE	SANDSTONE SCHOOL, 1440 NUTTER BLVD	BILLINGS	YELLOWSTONE CO	198401	198612
111	0072	TSP	GRAND AVENUE,1320 GRAND AVE,BILLINGS	BILLINGS	YELLOWSTONE CO	198601	198712
111	0072	SULFATION RATE	GRAND AVENUE,1320 GRAND AVE,BILLINGS	BILLINGS	YELLOWSTONE CO	198601	198712
111	0072	PM10	GRAND AVENUE,1320 GRAND AVE,BILLINGS	BILLINGS	YELLOWSTONE CO	198606	198712
111	0073	TSP	SCOTTISH RITES, CORNER 14TH AND TERRY	BILLINGS	YELLOWSTONE CO	198711	198909
111	0073	SULFUR DIOXIDE	SCOTTISH RITES, CORNER 14TH AND TERRY	BILLINGS	YELLOWSTONE CO	198711	198909
111	0073	SO2 MAX 5-MIN AVE	SCOTTISH RITES, CORNER 14TH AND TERRY	BILLINGS	YELLOWSTONE CO	198901	198909
111	0073	SULFATION RATE	SCOTTISH RITES, CORNER 14TH AND TERRY	BILLINGS	YELLOWSTONE CO	198711	198909
111	0073	OZONE	SCOTTISH RITES, CORNER 14TH AND TERRY	BILLINGS	YELLOWSTONE CO	198711	198909
111	0073	WIND SPEED	SCOTTISH RITES, CORNER 14TH AND TERRY	BILLINGS	YELLOWSTONE CO	198711	198909
111	0073	WIND DIRECTION	SCOTTISH RITES, CORNER 14TH AND TERRY	BILLINGS	YELLOWSTONE CO	198711	198909
111	0073	TEMPERATURE	SCOTTISH RITES, CORNER 14TH AND TERRY	BILLINGS	YELLOWSTONE CO	198711	198909
111	0073	PM10	SCOTTISH RITES, CORNER 14TH AND TERRY	BILLINGS	YELLOWSTONE CO	198901	198909
111	0074	CARBON MONOXIDE	METRA-6TH & EXPOSITION SE	BILLINGS	YELLOWSTONE CO	198801	198803
111	0074	WIND SPEED	METRA-6TH & EXPOSITION SE	BILLINGS	YELLOWSTONE CO	198801	
111	0074	WIND DIRECTION	METRA-6TH & EXPOSITION SE	BILLINGS	YELLOWSTONE CO	198801	
111	0075	CARBON MONOXIDE	METRA,EXPO DR & 4TH AVE N, BILLINGS	BILLINGS	YELLOWSTONE CO	198810	199211
111	0075	WIND SPEED	METRA,EXPO DR & 4TH AVE N, BILLINGS	BILLINGS	YELLOWSTONE CO	198810	199211
111	0075	WIND DIRECTION	METRA,EXPO DR & 4TH AVE N, BILLINGS	BILLINGS	YELLOWSTONE CO	198810	199211
111	0075	STD DEV HZ WND DIR	METRA,EXPO DR & 4TH AVE N, BILLINGS	BILLINGS	YELLOWSTONE CO	198810	199211
111	0076	SULFUR DIOXIDE	PONDEROSA SCHOOL, 4188 KING AVE EAST	BILLINGS	YELLOWSTONE CO	198910	199206
111	0076	SO2 MAX 5-MIN AVE	PONDEROSA SCHOOL, 4188 KING AVE EAST	BILLINGS	YELLOWSTONE CO	198910	199206
111	0076	WIND SPEED	PONDEROSA SCHOOL, 4188 KING AVE EAST	BILLINGS	YELLOWSTONE CO	198910	199206
111	0076	WIND DIRECTION	PONDEROSA SCHOOL, 4188 KING AVE EAST	BILLINGS	YELLOWSTONE CO	198910	199206
111	0076	STD DEV HZ WND DIR	PONDEROSA SCHOOL, 4188 KING AVE EAST	BILLINGS	YELLOWSTONE CO	198910	199206
111	0076	TEMPERATURE	PONDEROSA SCHOOL, 4188 KING AVE EAST	BILLINGS	YELLOWSTONE CO	198910	199206
111	0077	PM10	FEDERAL CREDIT UNION,2522-4TH AVE NORTH	BILLINGS	YELLOWSTONE CO	198911	199012
111	0077	PM10	FEDERAL CREDIT UNION,2522-4TH AVE NORTH	BILLINGS	YELLOWSTONE CO	198911	199208
111	0078	CARBON MONOXIDE	DIAMOND PARKING LOT, 315 N 27TH ST,BLGS	BILLINGS	YELLOWSTONE CO	199211	199404
111	0078	PM10	DIAMOND PARKING LOT, 315 N 27TH ST,BLGS	BILLINGS	YELLOWSTONE CO	199211	199404
111	0079	CARBON MONOXIDE	MT OLIVE LUTHERAN CHURCH, 7-24TH ST W	BILLINGS	YELLOWSTONE CO	199211	
111	0079	SULFUR DIOXIDE	MT OLIVE LUTHERAN CHURCH, 7-24TH ST W	BILLINGS	YELLOWSTONE CO	199512	
111	0079	SO2 MAX 5-MIN AVE	MT OLIVE LUTHERAN CHURCH, 7-24TH ST W	BILLINGS	YELLOWSTONE CO	199512	
111	0079	WIND SPEED	MT OLIVE LUTHERAN CHURCH, 7-24TH ST W	BILLINGS	YELLOWSTONE CO	199211	
111	0079	WIND DIRECTION	MT OLIVE LUTHERAN CHURCH, 7-24TH ST W	BILLINGS	YELLOWSTONE CO	199211	

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111	0079	STD DEV HZ WND DIR	MT OLIVE LUTHERAN CHURCH, 7-24TH ST W	BILLINGS	YELLOWSTONE CO	199211	
111	0079	PM10	MT OLIVE LUTHERAN CHURCH, 7-24TH ST W	BILLINGS	YELLOWSTONE CO	199407	
111	0080	SULFUR DIOXIDE	SACRIFICE CLIFF,1600 METERS W COBURN RD	BILLINGS	YELLOWSTONE CO	199305	
111	0080	SO2 MAX 5-MIN AVE	SACRIFICE CLIFF,1600 METERS W COBURN RD	BILLINGS	YELLOWSTONE CO	199305	
111	0080	WIND SPEED	SACRIFICE CLIFF,1600 METERS W COBURN RD	BILLINGS	YELLOWSTONE CO	199305	
111	0080	WIND DIRECTION	SACRIFICE CLIFF,1600 METERS W COBURN RD	BILLINGS	YELLOWSTONE CO	199305	
111	0080	STD DEV HZ WND DIR	SACRIFICE CLIFF,1600 METERS W COBURN RD	BILLINGS	YELLOWSTONE CO	199305	
111	0081	CARBON MONOXIDE	NORWEST, 130 NORTH 27TH STREET	BILLINGS	YELLOWSTONE CO	199404	
111	0081	PM10	NORWEST, 130 NORTH 27TH STREET	BILLINGS	YELLOWSTONE CO	199407	
111	1001	TSP	LAUREL JR HIGH, 410 COLORADO AVE	LAUREL	YELLOWSTONE CO	197101	199112
111	1001	SULFUR DIOXIDE	LAUREL JR HIGH, 410 COLORADO AVE	LAUREL	YELLOWSTONE CO	197301	197312
111	1001	SULFATION RATE	LAUREL JR HIGH, 410 COLORADO AVE	LAUREL	YELLOWSTONE CO	197801	199012
111	1003	SULFATION RATE	ROUNDHOUSE ROAD, LAUREL	LAUREL	YELLOWSTONE CO	198201	199012
111	1004	SULFATION RATE	CITY SEWAGE TREATMENT PLAN, LAUREL	LAUREL	YELLOWSTONE CO	198201	198612
111	1005	SULFUR DIOXIDE	LAUREL WATER PLANT	LAUREL	YELLOWSTONE CO	197401	197612
111	1005	SULFUR DIOXIDE	LAUREL WATER PLANT	LAUREL	YELLOWSTONE CO	197601	197612
111	1005	SULFATION RATE	LAUREL WATER PLANT	LAUREL	YELLOWSTONE CO	197801	199012
111	1006	SULFATION RATE	W. LAUREL CHURCH, LAUREL	LAUREL	YELLOWSTONE CO	198201	199012
111	1007	SULFATION RATE	A&W ROOTBEER STAND, LAUREL	LAUREL	YELLOWSTONE CO	198401	198612
111	1008	SULFUR DIOXIDE	EAST OF LAUREL	LAUREL	YELLOWSTONE CO	197301	197612
111	1008	SULFATION RATE	EAST OF LAUREL	LAUREL	YELLOWSTONE CO	197801	198612
111	1009	SULFUR DIOXIDE	FARM EAST OF CENEX, LAUREL	LAUREL	YELLOWSTONE CO	197601	197712
111	1009	SULFUR DIOXIDE	FARM EAST OF CENEX, LAUREL	LAUREL	YELLOWSTONE CO	197601	198012
111	1009	SULFUR DIOXIDE	FARM EAST OF CENEX, LAUREL	LAUREL	YELLOWSTONE CO	197701	197712
111	1009	SULFATION RATE	FARM EAST OF CENEX, LAUREL	LAUREL	YELLOWSTONE CO	197801	199012
111	1009	TOTAL HYDROCARBONS	FARM EAST OF CENEX, LAUREL	LAUREL	YELLOWSTONE CO	197601	197612
111	1009	WIND SPEED	FARM EAST OF CENEX, LAUREL	LAUREL	YELLOWSTONE CO	197601	198012
111	1009	WIND DIRECTION	FARM EAST OF CENEX, LAUREL	LAUREL	YELLOWSTONE CO	197601	198012
111	1010	SULFATION RATE	ROOT BEER STAND, LAUREL	LAUREL	YELLOWSTONE CO	198401	198612
111	1014	TSP	LAUREL NEW FARM	LAUREL	YELLOWSTONE CO	198101	198312
111	1014	SULFUR DIOXIDE	LAUREL NEW FARM	LAUREL	YELLOWSTONE CO	198001	198212
111	1014	WIND SPEED	LAUREL NEW FARM	LAUREL	YELLOWSTONE CO	198001	198212
111	1014	WIND DIRECTION	LAUREL NEW FARM	LAUREL	YELLOWSTONE CO	198001	198212
111	1065	SULFUR DIOXIDE	BLAQTC - LOCKWOOD PARK, OLD HARDIN ROAD	BILLINGS	YELLOWSTONE CO	198711	
111	1065	SO2 MAX 5-MIN AVE	BLAQTC - LOCKWOOD PARK, OLD HARDIN ROAD	BILLINGS	YELLOWSTONE CO	199009	
111	1065	WIND SPEED	BLAQTC - LOCKWOOD PARK, OLD HARDIN ROAD	BILLINGS	YELLOWSTONE CO	198711	
111	1065	WIND DIRECTION	BLAQTC - LOCKWOOD PARK, OLD HARDIN ROAD	BILLINGS	YELLOWSTONE CO	198711	
111	1065	STD DEV HZ WND DIR	BLAQTC - LOCKWOOD PARK, OLD HARDIN ROAD	BILLINGS	YELLOWSTONE CO	198711	
111	1065	ATMOSPHERIC STABILITY	BLAQTC - LOCKWOOD PARK, OLD HARDIN ROAD	BILLINGS	YELLOWSTONE CO	198711	
111	1065	TEMPERATURE	BLAQTC - LOCKWOOD PARK, OLD HARDIN ROAD	BILLINGS	YELLOWSTONE CO	198711	
111	1065	PM10	BLAQTC - LOCKWOOD PARK, OLD HARDIN ROAD	BILLINGS	YELLOWSTONE CO	199601	
111	2003	OZONE	WORDEN OZONE, ROAD 21 NE OF WORDEN		YELLOWSTONE CO	197801	197812
111	2004	SULFUR DIOXIDE	BLAQTC - COULSON ROAD (3701 COULSON RD)	BILLINGS	YELLOWSTONE CO	198711	198912
111	2004	WIND SPEED	BLAQTC - COULSON ROAD (3701 COULSON RD)	BILLINGS	YELLOWSTONE CO	198711	198912
111	2004	WIND DIRECTION	BLAQTC - COULSON ROAD (3701 COULSON RD)	BILLINGS	YELLOWSTONE CO	198711	198912
111	2004	STD DEV HZ WND DIR	BLAQTC - COULSON ROAD (3701 COULSON RD)	BILLINGS	YELLOWSTONE CO	198711	198912
111	2004	ATMOSPHERIC STABILITY	BLAQTC - COULSON ROAD (3701 COULSON RD)	BILLINGS	YELLOWSTONE CO	198711	198912

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111	2004	TEMPERATURE	BLAQTC - COULSON ROAD (3701 COULSON RD)	BILLINGS	YELLOWSTONE CO	198711	198912
111	2005	SULFUR DIOXIDE	BLAQTC-BRICKYARD LANE,1430 LOCKWOOD ROAD	BILLINGS	YELLOWSTONE CO	198910	
111	2005	SO2 MAX 5-MIN AVE	BLAQTC-BRICKYARD LANE,1430 LOCKWOOD ROAD	BILLINGS	YELLOWSTONE CO	199009	
111	2005	WIND SPEED	BLAQTC-BRICKYARD LANE,1430 LOCKWOOD ROAD	BILLINGS	YELLOWSTONE CO	198910	
111	2005	WIND DIRECTION	BLAQTC-BRICKYARD LANE,1430 LOCKWOOD ROAD	BILLINGS	YELLOWSTONE CO	198910	
111	2005	STD DEV HZ WND DIR	BLAQTC-BRICKYARD LANE,1430 LOCKWOOD ROAD	BILLINGS	YELLOWSTONE CO	198910	
111	2005	ATMOSPHERIC STABILITY	BLAQTC-BRICKYARD LANE,1430 LOCKWOOD ROAD	BILLINGS	YELLOWSTONE CO	198910	
111	2005	TEMPERATURE	BLAQTC-BRICKYARD LANE,1430 LOCKWOOD ROAD	BILLINGS	YELLOWSTONE CO	198910	
111	2006	SULFUR DIOXIDE	JOHNSON LANE, 627 JOHNSON LANE, BILLINGS	BILLINGS	YELLOWSTONE CO	199311	
111	2006	WIND SPEED	JOHNSON LANE, 627 JOHNSON LANE, BILLINGS	BILLINGS	YELLOWSTONE CO	199311	
111	2006	WIND DIRECTION	JOHNSON LANE, 627 JOHNSON LANE, BILLINGS	BILLINGS	YELLOWSTONE CO	199311	
111	2006	STD DEV HZ WND DIR	JOHNSON LANE, 627 JOHNSON LANE, BILLINGS	BILLINGS	YELLOWSTONE CO	199311	
111	2006	TEMPERATURE	JOHNSON LANE, 627 JOHNSON LANE, BILLINGS	BILLINGS	YELLOWSTONE CO	199311	
111	2007	SULFUR DIOXIDE	PINE HILLS, 4250 PINE HILLS DRIVE	BILLINGS	YELLOWSTONE CO	199311	
111	2007	WIND SPEED	PINE HILLS, 4250 PINE HILLS DRIVE	BILLINGS	YELLOWSTONE CO	199311	
111	2007	WIND DIRECTION	PINE HILLS, 4250 PINE HILLS DRIVE	BILLINGS	YELLOWSTONE CO	199311	
111	2007	STD DEV HZ WND DIR	PINE HILLS, 4250 PINE HILLS DRIVE	BILLINGS	YELLOWSTONE CO	199311	
111	2007	TEMPERATURE	PINE HILLS, 4250 PINE HILLS DRIVE	BILLINGS	YELLOWSTONE CO	199311	
111	2008	CARBON MONOXIDE	SENIOR HIGH 301 GRAND BLGS	BILLINGS	YELLOWSTONE CO	199512	
111	2008	SULFUR DIOXIDE	SENIOR HIGH 301 GRAND BLGS	BILLINGS	YELLOWSTONE CO	199512	
111	2008	SO2 MAX 5-MIN AVE	SENIOR HIGH 301 GRAND BLGS	BILLINGS	YELLOWSTONE CO	199512	
111	2008	WIND SPEED	SENIOR HIGH 301 GRAND BLGS	BILLINGS	YELLOWSTONE CO	199512	
111	2008	WIND DIRECTION	SENIOR HIGH 301 GRAND BLGS	BILLINGS	YELLOWSTONE CO	199512	
111	2008	STD DEV HZ WND DIR	SENIOR HIGH 301 GRAND BLGS	BILLINGS	YELLOWSTONE CO	199512	
111	2008	TEMPERATURE	SENIOR HIGH 301 GRAND BLGS	BILLINGS	YELLOWSTONE CO	199512	